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# B A BYLONIAN INSCRIPTIONS <br> IN THE COLLECTION OF <br> JAMES B. NIES 

Volume II

# HISTORICAL, RELIGIOUS AND ECONOMIC TEXTS AND ANTIQUITIES 

BY
JAMES B. NIES, Рh.D.
AND
CLARENCE E. KEISER, Ph.D.

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Dedicated to the Memory of<br>JANE DOWS NIES<br>Generous Patroness of Oriental Research

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## EDITORIAL NOTE

This volume embraces material that covers a wide range of years, from the fourth to the latter part of the first millennium B. C. It contains texts from Babylon, Sippar, Larsa, Lagash and Erech. They are written in Sumerian and Semitic-Babylonian or Akkadian; one is bilingual, another is a fragment of a syllabary. They occur on cylinders, amulets and fragments of various objects. They were collected by Doctor Nies during the past fifteen years. Some were secured by him while in Bagdad; others were purchased in Paris, London, New York and elsewhere. When such objects, of unquestionable value, have found their way into the hands of dealers it seems highly advisable to rescue them, if possible, for science by purchasing them, even though we know that some are the results of illicit excavations by Arabs, and that others may have been purloined from legitimate exeavations hy workmen.

The autographed texts of the volume have been made by Doctor C. E. Keiser. The transliteration, translation and discussion of texts Nos. 1-17 and 30 are by Dector J. B. Nies; of No. 22 and the following are by Doctor Keiser. The discussion of the heliograph reproductions is by Doctor Nies; the name indices and contents were prepared by Doctor Keiser. Each is solely responsible only for his respective parts of the work. The diacritical marks used in the transliteration are those found in A System of Accentuation for Sumero-Akkadian Signs, by Keiser.

Scholars will find the texts and antiquities in the volume important for the reconstruction of the history and culture of the Babylonians and Assyrians. This will be readily seen from the great variety of material in the Contents and Catalogue, such as historical, religious and economic texts, as well as important antiquities consisting of weighits, sealcylinders, amulets, ete. Several of the texts duplicate inseriptions that have been published, but in each instance they contain important additional material or variants, for example the inscription of Entemena. Moreover, it is translated anew by Doctor Nies and contains historical information bearing upon the well known Gu-edin. Owing to the limitation of space, the translations of the economic texts have been reserved for a future publication.

An acknowledgment of indebtedness and thanks are due to Dr. F. L. Cooper, of Yale, for weighing a number of the objects; and to Prof. L. V. Pirsson, of Yale, for determining the mineralogy of various objects.

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57
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$6: 66$
$\therefore 6$
$6 . \quad 66$
$66 \quad 66$
66 66
66 66
$66 \quad 66$
$66 \quad 66$
$66 \quad 66$
$66 \quad 66$
$66 \quad 66$
$66 \quad 66$
$7.9 \times 2.5$
1303
$8.5 \times 2.6 \quad 1293$
$8.2 \times 2.8 \quad 1298$
$7.5 \times 2.311300$
$8.4 \times 3.711294$
$8.4 \times 2.71301$
$8 \times 2.9 \quad 1278$
$7 \times 2.6$
1281
$7.3 \times 2.5 \quad 1279$
$7.9 \times 2.71295$
$7.7 \times 2.51302$
$7.1 \times 2.41277$
$7.7 \times 2.6$
$6.4 \times 21282$
7.4×2.4
1284

[^1]```
Text No. Subject Dimemsimus ('atalog NBC
68 Debit and credit Acrount of the time of the First
    Iynasty . . . . . . . . . . . . . . . . . . . . . . . . . . . . . !.:3:3.1 }128
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Economic Texts.

| $\begin{aligned} & \text { Text } \\ & \text { No. } \end{aligned}$ | Reign Y | Year | Month | Fay | Catalog NBC | Contents |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 73 | Rîm-Sin. | ? | 12 | 30 | 1249 | Record of money given to priests for sacrificial grain. |
| $7 \pm$ | mu búd II $1-1 / u-u s-a^{k i}$. |  | 7 |  | 1236 | Record of a loan of money and grain. |
| 75 | Samsu-iluma. | 7 | 4 | 30 | 1272 | Adoption contract. |
| 76 | " |  | 7 | 20 | 1269 | Purchase of a slave. |
| 77 | mu ama-ar-da En-gí en-(?) pa nits-ki míy-ne | $-n e-e-$ | 9 | 20 | 1276 | Lease of a plantation. |
| 78 | ? | ? | ? | 6 ? | 1273 | Lease of a field. |
| 79 | Ifammurabi. | 36 | 3 | 1 | 1271 | Lease of a field in partnership. |
| 80 | Samsu-iluna. | 27 | 4 | 22 | 1259 | Purchase (?) of a female slave. |
| 81 | - | 10 | 12 | 20 | 1243 | Record of a loan with penalty attached. |
| 82 | (19\% | 4 | 8 | 22 | 1248 | Loan of money. |
| 83 | mu" I!!nim V"u!! ki (?) <br> lugal-bi pád-(?) <br> giv!"kill bu-an-sig. |  | 8 |  | 1235 | Rental of a field. |
| 84 | Samsu-iluna. | 28 | 9 | 10 | 1255 | Loan with interest. |
| 85 | " | 27 | 1 ? ) | 10 | 1256 | Loan of money with interest. |
| 86 | Mananâ. | ? |  |  | 1246 | Purchase of an estate. |
| 87 | mu uš-sa hl l -me ${ }^{d}$ C'tu. |  | 9 |  | 1242 | Document concerning interest money. |
| 88 | Samsu-iluna. | 26 | 10 | 1 | 1239 | Record of exchange. |
| 89 | ? |  |  |  | 1241 | Loan of grain. |
| 90 | Abêshu. c+ | $+1$ | 8 | 5 | 1238 | Same. |
| 91 | Samsı-iluna. | 28 | 2 | 11 | 1262 | Lease of a field. |
| 92 | Undated. |  |  |  | 1233 | Record of a loan. |
| 93 | Samsu-iluna. | 4 | 3 | 25 | 1237 | Receipt for money. |
| $9 \pm$ | ' | 4 | 12 | 20 | 1261 | Payments in dates. |
| 95 | Abêshu. | ? | 7 | ? | 1245 | Record of a gift. |
| 96 | Samsu-iluna. | 19 | 4 | 1 | 1234 | Unopened case tablet. Record of dates. |
| 97 | Zabium. | 14 | 3 | 20 | 1244 | Receipt for grain. |
| 98 | Sin-muballit. | 16 | 6 |  | 1247 | Record of the seizure of a field. |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Text } \\ & \text { No. } \end{aligned}$ | Reign | Year | Month | Day | Catalog NBC | Contents |
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| 100 | Undated. |  |  |  | 1274 | Account of money. |
| 101 | Samsu-iluna. | 5 | 5 | 22 | 1263 | Payments in grain. |
| 102 | " | 2 | $\pm$ | 12 | 1275 | Payments in dates. |
| 103 | " | 6 | 10 | 26 | 1264 | Record of payments. |
| 104 | Undated. |  |  |  | 1260 | Payments in silver. |
| 105 | " |  |  |  | 1240 | Promissory note. |
| 106 | Shagarakil-shuriash. | . 5 | 2 | 10 | 1257 | Receipt for oil. |
| 107 | " | 5 | 1 | 3 | 1258 | Receipt for dates and grain. |
| 108 | Cambyses. | ? | 11 | 4 | 1228 | Document in which three individuals confirm that seed was given to the farmers. |
| 109 | Amêl-Marduk. | Ace. | $\overline{7}$ | 20 | 1232 | Record of a debt. |
| 110 | Nebuchadressar. | ? | 1 | 27 | 1210 | Provision for the return of an individual to the šatam of Eanna, with penalty attached if he is not brought at the appointed time. |
| 111 | Cyrus. | 5 | 7 | 19 | 1223 | Document providing for the return of a širaqu, with penalty attached if he is not returned. |
| 112 | Nebuchadressar. | 24 | 9 | 241 ? | 1212 | Promissory note. |
| 113 | Nabonidus. | 3 | 12 | 8 | 1222 | Same. |
| 114 | Cambyses. | Ace. | 9 | 1 | 1229 | Document concerning a report with reference to weavers. |
| 115 | Cyrus. | 2 | 9 | 26 | 1230 | Record of exchange. |
| 116 | Cambyses. | 3 | 5 | 24 | 1231 | Complaint concerning cattle. |
| 117 | Nabonidus. | 16 | 6 | 7 | 1211 | Receipt for grain. |
| 118 | .. | 4 | 11 | 23 | 1187 | Receipt for dates. |
| 119 | " | 9 | 7 | 1 | 1186 | Promissory note. |
| 120 | Neriglissar. | Ace. | 7 | 2 | 1188 | Receipt for grain. |
| 121 | Nabonidus. | 7 | 8 | 4 | 1189 | Receipt for money and wool. |
| 122 | " | 1 | 12 | 13 | 1224 | Promissory note. |
| 123 | " | 8 | ? | ? | 1214 | Same. |
| 124 | Nebuchadressar. | 16 | ¢ | 20 | 1221 | Account of grain given for flour. |
| 125 | - | 32 | 11 | 24 | 1225 | Record of gold and gold stars on hand for work on the garments of Ishtar. |
| 126 | ، | 19 | S | 2 | 1176 | Inventory of gold, etc., at the disposal of goldsmiths. |
| 127 | Nabonidus. | 8 | 1 | 9 | 1213 | Record of chariots received by artisans, presumably for repairs. |
| 128 | Napopolassar. | 15 | 3 | 8 | 1226 | Record of precious stones at the disposal of a workman. |
| 129 | Nebuchadressar. | 19 | 8 | 15 | 1227 | Record concerning sesame. |


| $\begin{aligned} & \text { Text } \\ & \text { No. } \end{aligned}$ | Reign | Year | Month | Day | Catalog NBC | Contents |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 130 | Cambyses. | Acc. | 6 b | 20 | 1206 | Foreclosure. An individual gives his estate for the payment of a debt. |
| 131 | Nebuchadressar. | 13 | 12 | 8 | 1198 | Deed of sale of a field. |
| 132 | Undated. |  |  |  | 1219 | List of individuals, called amêpuqudai, given as širqutu to Ishtar and Nanâ. |
| 133 | Nabonidus. | 3 | 4 | 12 | 1205 | Payments in grain and dates. |
| 134 | Nebuchadressar (?) |  |  |  | 1207 | Legal document. Three individuals request a decision concerning a payment made by their grandfather. |
| 135 | Antiochus III. | 95 | S | 22 | 1217 | Deed of exchange. Two individuals exchange their property. |
| 136 | Alexander. | 163 | 2 | ? | 1216 | A warranty deed. A woman sells her field. |

Heliotype Reproductions.


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e. " " No. 17.
(1. ". " No. 1.).
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2535
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e. Hematite " ( " 4.05 " ) ... 2x0.8 2569
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h. Flint " ( " 2.708 " ) .. 2x0.8 2570
i. Ilmenite " ( " 3.004 " ) .. 1.5x0.9 2571
j. Magnetite " ( " $\quad$ ( 0.758 " ) .. $1.2 \times 0.4 \quad 2572$
k. ". " ( . 0.915 . $\quad$. 1.2x0.4 2573

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2575
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$6.5 \times 2.5$
YBC 2196
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## ABBREVIATIONS.

$B$ Brünnow, A classified list, etc.
BA Beiträge zur Assyriologie.
BE Babylonian Expedition of the University of Pennsylvania.
BRM Clay, Business Transactions of the First Millennium B. C.; Part I, Babylonian Records in the Library of J. Pierpont Morgan.
CT Cuneiform Texts in the British Museum.
DEC Sarzec, E. de, Decouvertes en Chaldée.
DISGl Delitzsch, Sumerisches Glossar.
DlSGr Delitzsch, Sumerische Grammatif.
EBH Radau, Early Babylonian History.
Grice Chrn Grice, Chronology of the Larsa Dynasty; Vol. IV, Part I, Yale Oriental Series, Rescarches.
HAV Hilprecht Anniversary Volume.
JA Journal Asiatique.
JAOS Journal of the American Oriental Society.
JstrRel Jastrow, Die Religion Babyloniens und Assyriens.
LgrTemps Legrain, Le Temps des Rois d'Ur.
LSGr Langdon, Sumerian Grammar.
$M$ Meissner, Seltene Assyrische Ideogramme.
MI Clay, Miscellaneous Inscriptions in the Yale Babylonian Collection; Vol. I, Yale Oriental Series, Babylonian Texts.
MVAG Mitteilungen der Vorderasiatischen Gesellschaft.
NBC Nies Babylonian Collection, Brooklyn, New York.
NKI Langdon, Die Neubabylonischen Königsinschriften.
OBI IIilprecht, Old Babylonian Inscriptions.
OBW Barton, Old Babylonian Writing.
PN Clay, Personal Names of the Cassite Period.
PNTS Chiera, Lists of Personal Names from the Temple School of Nippur; UMBS Vol. 11, Nos. 1 and 2.
PSBA Proceedings of the Society of Biblical Archaeology.
Pts Keiser, Patesis of the Ur Dynasty; Vol. IV, Part II, Yale Oriental Series, Researches.
$R A$ Revue d'assyriologie et d'archéologie orientale.
RgrsHistory Rogers, History of Babylonia and Assyria.
RsnHymn Reisner, Sumerisch-Babylonische Hymmen.
RsnTU Peisner, Tempelurluunden aus Telloh.
SAKI Thureau-Dangin, Die Sumerischen und Akkadischen Königsinschriften.
SCWA Ward, Seal Cylinders of Western Asia.
SHPD Radau, Sumerian Hymus and Prayers to the god Dumu-zi.
SLT Langdon, Sumerian Liturgical Texts.
TmpDols Thompson, The Devits and Evil Spirits of Babylomia.

XVIii BABYLONTIN INSCRIPTIONS IN THE COLLEOTION OF J. B. NIES
UDT Nies, Ur Dynasty Tablets chiefly from Telloh and Drehem.
UMBS University of Pennsylvania. The Museum. Publications of the Babylonian Section.
VS Vorderasiatische Schriftdenkmäler.
YBC Yale Babylonian Collection.
ZA Zeitschrift für Assyriologie.

# HISTORICAL, RELIGIOUS AND ECONOMIC TEXTS AND ANTIQUITIES 



## INTRODUCTION.

## No. 1. Net-Cylinder of Entemena.

According to the dealer from whom this remarkable inscribed object was bought, it was found by an Arab belonging to a tribe located between Jokha and Tello. The claim is that the same man, Hassan of Qararul, in 1895, found the famous cone of Entemena published by Thureau-Dangin in 1898. ${ }^{1}$ If this is accepted, neither the cone nor the net-cylinder was found at Tello, but between that site and Jokha. The ancient names for those places were Lagash and Umma. The inscription tells us that a canal named Lummagirnunta formed a boundary between their territories, separating the fields of the god Ningirsu of Lagash from those of the god Shara of Umma, and that on the banks of this canal were set up inscriptions, presumably in the nature of boundary stones, whose purpose it was not only to clearly delimit the territories and to state the conditions upon which peace existed, but also to call down curses of the gods on the invader. In the absence of more definite knowledge, we may, therefore, say that it is not only possible, but probable, that the two inscriptions of Entemena were found on, or near, one of the banks of this canal, where not less than 4,650 years ago they surmounted pillars of brick or stone and constituted the narua frequently mentioned in the text. ${ }^{2}$

The cylinder here published is light terra-cotta in color, egg-shaped, and hollow, with an opening at one end forming a lip or short neck, and a rounded surface at the other, covered by a design of a net in relief. It consists of a rather granular baked clay and is surrounded by a, for the most part, deeply incised, Sumerian inscription in six columns embracing 220 cases.

When bought the interior was filled with earth and the exterior was covered by an incrustation of salt under which was red earth that filled the signs and case-divisions. These were removed by soaking in water.

A comparison of the form of this cylinder with the mace head of Sargon $I,{ }^{3}$

${ }^{2}$ L. W. King, in his History of Sumer and Akkad, p. 164, rightly conjectures that more than one of the so-called cones was written. He thinks they were copies of a boundary stone like the 'Stele of Vultures,' and were in the nature of 'foundation memorials.'
${ }^{3}$ British Museum 91146, figured on Plate 46, Fig. 2 of Rogers Cunciform Parallels to the Old Testament, also King, History of Sumer and Akkad opposite p. 218.
which is of stone and came from Abû Habba, leads one to suspect that Sargon imitated the shape of the cylinder, or that it was the purpose of Entemena to form a mace head; but that it represents a closed net there can be little doubt.


The Net of the Entemena Cylinder.

The similarity indeed is very striking, and the inference that it is meant to represent a mythological net is further substantiated by the fact that the sa-šuš-gal of the god Enlil is mentioned in Col. I:28-29, and of the god Ningirsu toward the end of Col. VI. Now sa-šuš-g al means 'a great covering net' such as the gods were said to throw over their enemies so as, presumably by drawing the cord strung through the edges, to enclose them. Such a net, filled with the enemies of Lagash being clubbed to death by Ningirsu, may be seen on the 'Stele of Vultures' (Déc. Pl. 4 bis) which mentions no less than five deities who wield this net, Enlil, Enki, Einzu, Babbar and Ninkharsag. ${ }^{4}$

If it is conceded that this cylinder represents a drawn, divine net, then the interesting conclusions follow: 1st. It was the intention of Entemena to write the inseription romd a formidable wapon of divine pmishment as a warning to his foes that a transgression of the treaty would bring down the wrath of the god, and as an assurance of divine protection to his followers. 2d. As this is the oldest eylinder known the symbolism involved may offer an explanation for the adoption by the Bahylonians of so remarkable a form as the eylinder upon
${ }^{4}$ On the metaphor of the net among the primitive Sumerians see L. W. King History of

which to record important documents of history. In later times when the significance of the form was lost, the traditional use still persisted and gave rise to a great variety of shapes, such as octagons, hexagons, prisms and barrels.

While, with the exception of three variants noted below, the inscription is a duplicate of the Louvre cone, its unique form is of peculiar interest, and it adds six cases of ten lines in the second column (46-51), which give important information concernine the houndary of the field of Ningirsu and the disposition made of the royal field of Umma.

It would seem that before the war with Ush of Umma the boundary line between Umma and Lagash was defined only by the stele of Mesilim and perhaps other boundary stones. As this boundary marked off the field of Ningirsu which included the beloved Gu-edin, no doubt a piece of land sacred to the god, it was of the highest importance to the people of Lagash that that boundary should be clearly defined. For this reason Eannatum, as soon as he had conquered Ush and set up his successor Enakalli as ruler of Umma, made a treaty calling for the digging of a canal along the boundary, from the Euphrates eastward to Gu-edin, on the banks of which were to be set up the narua or stele which would make all future doubt as to the ownership of the sacred field impossible. Umma lay some thirty miles to the northwest of Lagash, while the bed of the Euphrates at that time (3000 B. C.) was much more easterly than it is to-day, so that Gu-edin probably lay to the north of Lagash and extended to the east from the Euphrates toward the Tigris, for Entemena speaks later in the inscription (Cases 170 to 173) of this boundary canal stretching from the Tigris to the Euphrates.

These remarks will perhaps enable us to understand better the passage in this cylinder (Cases 46-51) that is wanting in the cone: 'The field of Ningirsu two hundred and ten and a half cords of boundary ${ }^{5}$ he cut off ${ }^{6}$ to the front ${ }^{7}$ of Umma.

[^2]The inscription further states that he did not interfere with the royal field of Umma but rather confirmed it. ${ }^{8}$ Moreover he did not invade ${ }^{9}$ the plains of Umma, but proceeded to improve and consecrate the recovered territory by building the tanks of Imdubba of Ningirsu and Namnundakigarra, ${ }^{10}$ on whose edges were erected shrines to Enlil, Ninkharsag, Ningirsu and Babbar.

With Case 76 begins the story of new outrages on the part of Umma. Eamatum had died and heen snceeded hy his hoother Enamatum, and Fankalli of Umma was succeeded by Urlumma who broke the peace with Lagash by emptying the canals of water and destroying the boundary stones and shrines but recently erected by Eannatum. To an agricultural and religious people these were all acts of great violence, and Enannatum made war without delay. How long that war lasted we are not told. There was a great battle on the field Ugigga during which Entemena, son of Enannatum, greatly distinguished himself and decisively defeated Urlumma who fled.

Now an extraordinary incident happens. An ambitious priest at Ninni-esh, some temple or quarter of Lagash perhaps, taking advantage of the confusion of the now leaderless people of Umma, sets out with an expedition and makes himself patesi of that city. We are nowhere told that Entemena appointed him to be ruler; on the contrary (Case 123) Il-li nam-pa-te-si Ummaki-a šù-e-ma-ti, 'Ili took to himself the patesiat of Umma.' He at once became the enemy of Entemena and proceeded to perform acts of vandalism only sccond to those of Urlumma. He let the water out of the canals and sacred tanks and appropriated ten kart̂ of grain that belonged to Lagash.

For some reason Entemena seems to have accepted this usurpation. He complains that in spite of the fact that he had established Ili's prosperity he
 A 2.3.4.5, and Stele of Vultures 121.2 .3 .4 , also at the bottom of the inscription.
${ }^{\top}$ Case 48. á $=$ maluru 'front' $O B W 293_{7}$.

${ }^{2} \mathrm{nu} \mathrm{k} \mathrm{u}, \mathrm{ku}=$ etêku 'travel,' 'march' $O B W 4_{10}$. The sign $\mathrm{k} u$ may have the value túg with the sense of 'invest.'
${ }^{10}$ The Imdubba and Namnundakigarra were probably small sacred ponds or tanks, filled from the canal, not for storing water so much as for religious ceremonies when, the gods seated in their mà-gur-ri, were floated round the lakes past their shrines. The Teppakulam at Madura is an example of an artificial lake used in this way to-day. In the inscription (Cases 123-133) it is stated that Ili, a later ruler of Umma, let the water run out of these structures, and in Cases 173-174 Entemena prides himself on the fact that he paved the bottom of Namnundakigarra with stone, as an act of devotion to Ningirsu and Ninâ.
spoke seditious words and refused when ordered to repair a certain section of the boundary canals and to mend certain breaks at two of the shrines. ${ }^{11}$

The inscription (Cases 162-200) now goes on to relate the high endowments of Entemena and his devotion to the gods. It closes with threats of divine punishment should the people of Umma or others cross the boundary canals of Lagash to invade the land.

Col.

| I. ${ }^{\text {den-líl }}$ |  |
| :---: | :---: |
| lugal kúr-kúr-raab-ba dingir-dingir-rí- |  |
|  |  |
| dug-gi-na-ni-ta |  |
| $5{ }^{\text {d }}$ Nin-gír-su |  |
| dSara-bi |  |
| ki-e-ne-sur |  |
| Me-silim |  |
| lugal Kiški-gè |  |
| $10 \mathrm{dug}{ }^{\text {d }}$ Ka-di-na-ta |  |
| š ${ }^{12}$-g án-bi-r a |  |
| ki-ba-na ne-dú |  |
| Us |  |
| pa-te-si |  |
|  | $\mathrm{Umma} \mathrm{a}^{\text {ki}}-\mathrm{g}$ è |
|  | n am-in im-ma-dir-dir-šu |
| e-ag |  |
| na-r ú-a-bi |  |
| ni-pad |  |
|  | edin Lagas ${ }^{\text {lidi-s }}$ ù |
|  | ni-gin |
|  | ${ }^{\text {d }}$ Nin-gír-su |
|  | ur-sag dennlilláage |
|  | dug-si-sá-ni-ta |

lugal kúr-kúr-ra
ab-ba dingir-dingir-rí-ne-gè
dug-gi-na-ni-ta
${ }^{\text {dNingir-su }}$
disara-bi
ki-e-ne-sur
Me-silim
lugal Kiški-gè
10 dug dKa-di-na-ta
š $\mathrm{u}^{12}$-g án-bi-ra
ki-ba-na ne-dú
U
pa-te-si
n a m-in im-ma-dir-dir-š ù
e-ag
na-r ú-a-bi
ni-pad
ni-gin
${ }^{d}$ Nin-gír-su
ur-sag dEn-líl-lá-gè
dug-si-sá-ni-ta

Enlil,
king of lands, father of the gods,
at whose righteous command
Ningirsu
and Shara
marked off a boundary.
Mesilim, king of Kish, at the command of Kadi, (his goddess),
(as) a protection of the field
a stele at that place set up.
Ush,
the ruler
of Umma,
arrogantly
acted;
that stele he removed;
the plain of Lagash
he invaded;
Ningirsu, the warrior of Enlil, by his righteous command

[^3]25 Ummah ${ }^{\text {hi }}$ - a
dam-h a-ra
e-da-ag
dug dEn-líl-lá-ta
sa-šuš-gal ne-šuš
30 sahar-dū-kíd-bi edin-na ki-ba ni-uš-uš
CoL. II. Ê-an-na-tum
pa-te-si
Lagaški
35 pa-giš-gibil-ga
En-te-me-na
pa-te-si
Lagaskiz-gè
En-á-kal-li
40 pa -te-si
Umma ${ }^{k i}$-da ki-e-da-sur e-bi íd-nun-ta Gú-e din-na-š ù
45 íb-ta-ni-è gán ${ }^{\text {dNin-gír-su-ka }}$ $60+60+60+30+1 / 2 \mathrm{ku}$ gar-du á Umma ${ }^{\text {ldi }}-$ š ù mu-kíd
50 gán-lugal nu-tuk
ni-gub
e-ba na-rú-a
e-me-s ar-s ar na-rú-a
55 Me -silim-ma
ki-bi ne-gé
edin Umma ${ }^{\text {ki }}$-šù
nu-túg
Im-dub-ba
60 dNin-gír-su-ka
with Umma
war
made.
By the order of Enlil
the great covering net he cast (over the army of Umma)
(and) heaped-up mounds of the dead on the place of that field he set up.
Eannatum,
ruler of
Lagash,
ancestor of
Entemena,
ruler
of Lagash, (and) Enakalli,
ruler
in Umma, marked off the boundary.
A canal from the Great River: to Gu-edin
he made to go.
The field of Ningirsu, $2101 / 2$ cords of boundary, to the front of Umma he cut off.
The royal field he took not;
he established it.
At the canal a stele
he inscribed.
The stele
of Mesilim
he returned to its place.
Into the plains of Umma
he did not march.
The Imdubba
of Ningirsu,

N am-nun-d a-ki-g ar-ra
báx "En-líl-lá
bár ${ }^{\text {d }}$ Nin-har-sag-ka
bár dNin-gír-su-ka
Col. III. bár ©Babbar
ne-dú
še dNinâ
še dNin-gír-suka
1 gux r an
70 galu Umma ${ }^{\text {ki }}$ ge e ${ }^{13}$
har-šù ni-kú
kud-du ba-u s sit
$3600 \times 10 \times 4$ gūr-gal
ba-t ú(r)
$75 \mathrm{mas}^{15}$ še-binu-da-sud-sud ${ }^{15 a}$ da-dug
Ur-lum-ma pa-te-si
U mma $\mathrm{a}^{\text {ki }} \mathrm{g}$ è e-ki-sur-ra
$80^{\text {d }}$ Nin-gír-su-ka e-ki-sur-ra
${ }^{\mathrm{d}} \mathrm{Nin} \mathrm{a}$
a-e ni-mi-è
na-rú-a-bi
85 izi ba-sum ni-pad-pad bár-ru-a dingir-ríne Nam-nun-da-ki-g ar-ra a b-dú-a
$90 \mathrm{ni}-\mathrm{gul}-\mathrm{gul}$
kúr-kúr e-ma-šù e-ki-sur-ra
the Namnmulakisarra,
the shrine of limlil,
the shrine of Ninkharsag,
the shrine of Ningirsu, the shrine of Babbar
he built.
The grain of Ninâ
(and) the grain of Ningilsu, was one karū;
upon the people of Umma
the tribute of food
he appointed to be imposed,
400 great karū
were brought in (to Lagash).
He ordered that no part of that grain be destroyed.
(Years after these events) Urlumma, ruler
of Umma,
the boundary canal
of Ningirsu,
(and) the boundary canal
of Ninâ
(deliberately) emptied of water;
those steles
he cast into fire,
he broke in pieces;
the shrines dedicated to the gods, (where) Namnundakigarra
had been built,
he destroyed;
pressing forward into the lands
the boundary canal

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\({ }^{13}\) Case 70 restores a defective line in the cone and the sign gè at the end.
\({ }^{14}\) Cases 70-72. Langdon suggests "he consumed as tax from the people of Umma."
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15a sud-sud =- sapânu, 'over-power.'. 'destroy' \(B 7615\).
```

```
    NNin-gir-su-ka-ka
    (r-m a-t a-l)al
    (9.) Hin-a 11-11:1-t n m
        pa-te-si
        Lagaški-gè
        gán U-gig-ga
        a-šàg gán- dN in-gír-su-ka-ka
Col. IV. giš-ur-ur re-šù e-da-lal
        En-te-me-na
        dumu ki-àg
        En-an-na-tumma-mè
        tún}\mp@subsup{n}{}{17}-s\mathrm{ v̀ u ni-ni-sí(g) }\mp@subsup{)}{}{18
    105 Ur-lum-ma
    ba-da-kar
    šàg Ummaki-šù
    e-gaz
    né-ni erim-60-an
    110 gú id Lum-ma-gír-nun-ta-ka
    e-šù-kíd
    11am-galuqal-ba
    gìr-p ad-du-bi
    edin-da e-da-kíd-kíd
    115 sahar-d\overline{u}-kíd-bi
    ki-5-a ni-mi-dub
    ud-ba fl
    šid Ninni-é ški-kam
    Gír-s uki-ta
    120 Umma'mišù
        gár-d a r-r a- &- <a
```



```
with ur-ur, a determinative for weapons. It may, however, belong to the verb e-da-l al
i. e., giš-e-d a-lal. giš-lal= ananu, 'battle' DlSGl 166.
    \mp@subsup{}{}{17}\textrm{tún}(-šù). tún or gìn= palâqu, 'kill,' 'destroy'; i. e. with an ax OBW 530 18.
    "ni-ui-sí(g) s"pmim", 'overhmow" OB| 17.)
    \mp@subsup{}{}{19}g\mathrm{ gár-d a r = sâkipu, 'overthrow in battle,' hence 'have victory' B }6537.
```



Col. V. En-te-me-na
140 p a-te-si
Laga ski-gè
bar ${ }^{25}$-e ba-dug
Il-š ù
galu he-šù gi-gi-a ${ }^{26}$
he marched.
Ili
the rulership
over Umma
took to himself (usurped).
From the boundary canal
of Ningirsu,
the boundary canal
of Ninâ,
the Imdubba
of Ningirsu,
the Namnundakigarra
of Eulil, of Ea ,
(and) of Ninkharsag
he let flow out the canal water.
The grain of Lagash, ten karu, he gained.
Entemena,
ruler
of Lagash,
sent an order
to Mi,
a man whose prosperity he established.
${ }^{20}$ Case 126. EBH p. 105, note 37, quotes Thureau-Dangin for the translation "made to accept," but $\mathrm{ti}=$ laq $\hat{u}$, 'take,' and the simple translation 'he took for himself' is much more in accordance with the context. šù and e are verbal prefixes and m a an infix $=$ 'for himself.'
 Gír-suki-k a, omitted in the net. Radau ( $E B H$ p. 105) translates "which goeth to the side of Tigris alongside of Girsu."
${ }^{22}$ Cases 134-135, den-líl-1a, dEn-ki-ka, are omitted in the Louvre cone.
${ }^{23}$ Cases 127-137 are all bound together in the net in one sentence. The verb that explains them is Case 137, a-e ni-mi-è 'the canal water he let go out from them.' This shows they were all canals and sacred artificial lakes connected with the canals.
${ }^{24} \mathbf{n}$ i-rúg 'he gained'; i. e., as spoil. Probably grain intended for Lagash as tribute.
${ }^{25}$ bar $=$ mư̌inu $\quad$ 'send' $O D$ W' II $77_{110}$.
${ }^{26} \mathrm{~g} \mathrm{i} \mathrm{g} \mathrm{g} \mathrm{i}-\mathrm{a}=k e ̂ n u$, 'firm,' 'establish' $B 2391$.

14511
pa-te-si
Umma $\mathrm{a}^{\mathrm{ki}}$
a-šàg gán-kar-kar
níg-erím dug-dug-gi
150 e-ki-sur-ra
${ }^{\mathrm{d}}$ Nin-gír-su-ka
e-ki-sur-ra
${ }^{\mathrm{d}} \mathrm{N}$ inâ
gá-kam ${ }^{27}$ ni-mi-dug
155 An-ta-sur-ra-ta ${ }^{2 s}$
ê ${ }^{\text {d }}$ Gal-dim-zu-ab-ka-šù
im-ba-ni-è-n $e^{29}$
ni-mi-dug
"En-líl-li
$160{ }^{\text {dN }} \mathrm{N}$ in-h ar-s a g-gè
nu-na-sum ${ }^{30}$
En-te-me-na
pa-te-si
Lagaski
165 mu -pád-da
${ }^{\text {d }}$ Nin-gír-su-k a-gè
dug-si-di dEn-líl-lá-ta
dug-si-di dNin-gír-su-ka-ta
dug-si-di ${ }^{d} N i n a ̂-t a$
170 e-bi idIdigna-ta
íd-nun-šù
e-a g
N a m-nun-da-ki-g a r-ra
(Nevertheless this) Ili, ruler
of Umma,
in the territory kar-kar
spoke seditious words;
(when) the boundary canal of Ningirsu,
(and) the boundary canal of Ninâ
he commanded him to repair;
from Antasurra
to the temple of Galdimabzu
(to fill?) with clay the outlets
he commanded him,
of Enlil
(and) of Ninkharsag,
he refused.
Entemena,
ruler
of Lagash,
elect
of Ningirsu, according to the righteous word of Enlil,
the righteous word of Ningirsu, the righteous word of Ninâ, that canal from the Tigris to the Great River made.
Of Namnundakigarra
${ }^{27}$ gá-kam. gá= šakânu, 'make,' 'repair' B 5421. Is kam a verbal suffix here? EBH p. 106, note 28. Langdon suggests "irrigate" for Thureau-Dangin's festzustellen.
${ }^{23}$ Antasurra, a palace at Lagash. See MI 4:9; cf. Langdon in SAKI, p. 243.
${ }^{29} \mathrm{i} \mathrm{m}-\mathrm{b}$ a-n i-è-ne 'to fill with clay the outlets,' i. e. the breaks in the canal. See $E B H$ p. 107, note 32. The sense is to supply clay (im) to fill up the leaks in the canal and repair the temples of Enlil and Ninkharsag.
${ }^{30} \mathrm{n}$ u-n a-sum 'he gave not to him'; i. e. 'he refused.'
úr-bi nà-a-mu mu-na-ni-dú the foundation he built of stone:
175 lugal ki-an-na-ag-gani for his king who loves him,
${ }^{\text {d }}$ Nin-gír-su-r a
nin ki-an-na-àg-ga-ni
${ }^{d} \mathrm{~N}$ in a
ki-bi mu-na-gé
180 En-te-me-na
Col. VI. pa-te-si
Lagaski
pa-sum-ma
dEn-líl-lá
185 geštú sum-ma
${ }^{1}$ En-ki-ka
šà g-p ád-da
${ }^{\mathrm{d}} \mathrm{Nin} \mathrm{a}$
pa-te-si-gal
190 dNin-gír-su-ka
galu inim dingir-ríne
túg-b a
dingir-ra-ni
${ }^{\mathrm{d}} \mathrm{D}$ un-x
195 nam-ti
En-t e-me-na-k a-šù
u d-ul-la-šù
${ }^{\text {dNonegír-su-ra }}$ ${ }^{\mathrm{d}} \mathrm{N}$ inâ
200 he e-na-ši-gub ${ }^{31}$
galu Ummaki
e-ki-sur-ra
dNin-gír-su-ka-ka
e-ki-sur-ra
$205{ }^{\text {d }}$ Ninâ-ka
á-zi-š ù
a-šàg-gán túm-dé

Ningirsu,
for his queen who loves him,
Ninû,
to its place he restored it.
Entemena,
ruler
of Lagash,
given the sceptre
by Enlil,
endowed with understanding
by Ea,
chosen by the heart
of Ninâ,
great ruler
of Ningirsu,
whom the word of the gods
invested,
whose god
is Dun-x.
For the life
of Entemena
to future days,
before Ningirsu
(and) Ninâ
may this stand.
Should the people of Umma
the boundary canal
of Ningirsu,
the boundary canal
of Ninâ,
to the right side
to plunder the territory

[^4]

## No. 2. Pre-Sargonic Inscription in Limestone.

This is a list of sales of pieces of land by various individuals. It was published in JAOS 38, p. 186, where the tablet and its contents are discussed. Further consideration of the text seems to indicate, as previously stated, that it is Semitic.

$$
\begin{array}{ll}
1 \text { ma-na kaspu } & \text { One mine of silver } \\
{[u] 2 / 3 \text { kaspu šá-na }} \\
{[u 3} & \text { [and] } 2 / 3 \text { of standard silver [for] }
\end{array}
$$

${ }^{32}$ h a-ni-gaz-e. Instead of this the Louvre Cone VI: 29 has ha-ni-g az-kir-gi, the sign kir meaning the same as šà g in Case 219.
${ }^{33}$ Since the publication of the text referred to, Dr. Langdon has raised an interesting question in regard to šá-na. He claims it is a phonetic complement to be read with the numeral $46=\check{b} u s ̌$ dual. šuš $=1$ if of šušsu $=60$, a circle; heuce $\check{s} u \check{s}$ dual $96=$ $1 / 3$. The objection to this theory is that šušana is always written $\ll$ while šanabi or $2 / 3$ is written $\langle\mathbb{R}$ or $\langle\delta 0$ and both cannot be read in the same way. The following extract from a letter of Professor Barton to the writer will further elucidate this subject, the book referred to being $U M B S$ IX, 1: "In my Business Documents just referred to šá-na occurs with a zag (or k ù) in the following instances: No. $5 \mathrm{I}: 4 ; 6 \mathrm{I}: 1, \mathrm{IV}: 1$; 7: $\mathrm{I}: 1, \mathrm{II}: 7,14, \mathrm{III}: 4 ; 10 \mathrm{II}: 5$, IV : $10 ; 29 \mathrm{II}: 5 ; 33 \mathrm{I}: 1 ; 37 \mathrm{I}: 1,51 \mathrm{II}: 3 ; 76 \mathrm{II}: 11 ; 108$ II:1. In favor of interpreting šána as a double phonetic complement for šušanna is the fact that in 11 of these 15 occurrences it is actually written in conmection with the numeral $1 / 3$. This is the only consideration that I can see in its favor." Prof. Barton further adds: "Against this consideration must be weighed the following facts:
... GAN
$[N] a-n i$
$5[U] \mathbf{r}(?)-z u-z u$
sim GiNN
iznun(KÚ)
2/3 (ma-na) kaspu šá-na
600 sar
10 Illegible
mâr Mak-mak
$K i{ }^{k}{ }^{k i}$
. . . fields.
Nani,
(son of U)r(?)-zuzu,
for the price of the fields
has been satisfied (i. e. paid in full). $2 / 3$ (mine) of standard silver (for) 600 sar of land
son of Makmak, of Kish,

1. In three instances of the above list šá- $n a$ is written after the numeral 2 and cannot mean $1 / 3$; these are $7 \mathrm{I}: 1 ; 6 \mathrm{IV}: 1 ; 10 \mathrm{IV}: 10$. Two probably stood in VI: 1 , but the numeral is now broken away so that we cannot count it.
2. In 104 II : 1 of the above texts, šá alone occurs after $2 / 3$.
3. In your own tablet, published in JAOS XXXVIII, where šána occurs 6 times it occurs every time in connection with $2 / 3$ ! If it were a phonetie complement for šušan$n a$, with šanabi we should have $n a-b i$ as the phonetic complement!
4. In the stele of Manishtusu šá occurs alone both after $1 / 3$ and after $2 / 3$; see Face $A$ II: 8 and 10 .
5. If this is a double phonetic complement, it is the only instance known to me in Sumerian or Assyrian in which a double phonetic complement is employed. Double complements are common in Egyptian, but so far as I know unknown in Mesopotamian writing.
6. The phonetic complement-explanation does not explain the facts of the occurrences of the signs, therefore another explanation must be sought.
"The explanation lies close to our hands. Anterior to the dynasty of Agade and Kish the standard was the gur sag-g á which consisted of 144 qa. With the dynasty of Agade a gur of 300 qa was introduced, called in some of the Telloh texts the "Gur of Agade." What more natural than that in texts coming from Kish and the north during the reign of this dynasty, this should be called the "standard" weight? Of course the 300 qa-gur did not apply to metals, but, when it was in force, the weight of the še, the unit of metal weight, may have been greater."

In a later letter Professor Barton remarks: "In the double entry accounts of the Dynasty of Ur $\left\langle\frac{[y}{}\right\rangle$, a later form of $\langle\mathbb{V}$ or $\langle 8$, is shown by the totals and remainders to $=2 / 3$. It is clearly proved mathematically."

Where the numeral Do occurs Langdon would translate '7.' He proposes for the name (Case 17) Áš-ne-usan; for Cases 18 an 119 "the clerk of the city ( ?) is the letter(?). of the field," adding. "this field seems to be let out for rent, not sold." If lu-kal = šabrū = pa-al we might translate 'custodian for the field.' The meaning of the sign il is unknown. Langdon suggests that $a$-si (Case 28) is meant for dirig, but it may nevertheless be a name; he translates in Case 37, '32 sar of land '' and renders Cases 38-40 'four shekels of silver (a gift) to Zuzu and Rabe-ilum.' He is clearly right in reading Case 20 1-ig i-10-[gál ma-na] kaspu.
šim GATN
$i: m m=\left(K V^{7}\right)$
15) 誩 (ma-na) 亏 (siquu) kaspu šína
$600+100$ sar

amil Zu-uru-umeki
Lù-kal-il G.iN
20 11/10 (ma-na?) kaspu
5 (šiqlu) kaspu
$1200+100+50$ sar
Mak-mak
mâr Ag-a
25 [šim GAN] iznun(KU)
2/3 (ma-na) kaspu šá-na
600 sar
A-SI (dirig?)
Lugal-en-nun
30 2/3 (ma-na) kaspu šá-na
šim [GAN]
mâr . . . .
2/3 (ma-na) kaspu šá-na
35 Erased
Eirased
$1800+2$ sar
4 šiqlu kaspu
$Z u-z u$
40 Ra-be-i-lum
mârê
Il-zu-ug(?)
pa-te-si
47 sar GAN
45 SİG-HAR-ERIM
Ga-ni-zu-ma
mâr Ur-lil
for the price of the field
has been satisfied.
2/3 (mine) and 5 (shekels) of standard silver (for)
700 sar of land
Nerusan, (or Ashneusan?)
a native of Zurum,
(and) Lukalil (sold?) the fields.
$11 / 10$ mine (and)
5 (shekels?) of silver (for)
1350 sar of land.
Makmak, son of Aga,
[with the price of the fields] is satisfied.
$2 / 3$ (mine) of standard silver (for)
600 sar of land
a supplement(?) to
Lugal-ennun.
$2 / 3$ (mine) of standard silver
the price of the field
son of . . .
$2 / 3$ (mine) of standard silver (for)
[erased]
[erased]
1802 sar of land.
4 shekels of silver (a present for?)
Zuzu (and)
Rabe-ilum
sons of
Ilzug,
the ruler.
47 sar of land of the
wool tax collector (?)
Ganizuma.
son of Ur-lil.
${ }^{34}$ Attention is called to the archaic signs in Cases 17, 19, and 45.

## No．：3．Inscription of Enannatum．

Fragment of black syenite，probably part of a statue．The inscription in archaic characters reads：
（＇or．II．i．（？）＂Lugal－erimbika－ge śaini－mi dug－dug En－a n－n a－m c－tum ${ }^{d}$ A ma－geštin－na

CoL．III．mas sis ${ }^{36}-\left[\mathrm{gi}^{37}\right]$ ni－m［i－tiom］ áb－g［i ni－mi－tům］ amar－gini－mitum ［gud（？）］－gi（？）dAma（？）
 dun＂．－hitum

The temple of the god Lugal－erim ${ }^{\mathrm{ki}}$ the diviner I ordered for it． I am Enannatum． The goddess Amageshtin
cattle［perfect］，I brought to her， a cow per［fect，I brought to her］， a heifer perfect，I brought to her， a bull（？）perfect（？）to the bounti－ ful mother goddess（？）
her buffalo I brought．

## No．4．Limestone Fragment．

Col．I．．．．uru－${ }^{\mathrm{d}} \mathrm{A}-\mathrm{dim}$ mu－d a－g é－g é ${ }^{40}$ an－ki－g è ba（？）－an－tи́g 5 ．．mes（？）
like the city of ${ }^{d} A$
he restored it，
．．of heaven and earth
he invested
the priest of（？）

Col．II．igi
mǎ

## No．5．Fragment of a Limestone Vase．

The remaining signs read：
a－m［u］．．．
bur．
．．
${ }^{35} \mathrm{~s}$ á $=$ maliku＇a decider＇；i．e．a diviner $O B W{ }^{415} 5_{15}$ ．
${ }^{36} \mathrm{~m}$ aš＝bûlu＇cattle＇$O B W 77_{2 \mathrm{~s}}$ ．
${ }^{37} \mathrm{gi}=$＇perfect＇$O B W 92_{43}$ ．See case 7 ．
${ }_{88}^{38}$ This case is so badly worn that the reading of only h e－šá is certain．
${ }^{39}$ The dun was the water buffalo．See UDT，Index of words and phrases，under dun．
${ }^{40} \mathrm{~g}$ é gé $=$ târu $O B W 283_{37}$ ．See form of Lugalzaggisi，OBI 87 II：45，which indicates the age of this fragment．

```
    lugal... to the king
    Si-din(ordúg?)-ha-mu-ta[h| Shidinhlamutab
    5 mu-(?)
```

No. 6. Fragment of a White Felsite Vase.
The inscription reads: [lugal esig]-ga, [lugal U]ríki, . . ka-šù, . zi. The name of this king of Ur is unfortunately lost.

No. 7. Fragiment of a Cilinder.


No. 8. Fragment of a Dedication Cone of Gudea.
The inscription reads:

| [pa]-te-[si] | (Gudea), |
| :--- | :--- |
| Lagaši | patesi |
| $[$ Lug]al-ê-ninnu | of Lagash, |
| dNin-gír-su-ka | Lugaleninnu ${ }^{42}$ |
| $[$ in]-rú-a | of Ningirsu |
| $[$ nam]-ti(l)-l a-ni-š̌̀ ù | has built (and) |
| mu-na-ru | for his life |
|  | has dedicated it to him. |

No. 9. Fragments of an Auabaster Votive Vase.
"Nin-šubur ad-gèra For the god Ninshubur the messenger (?)
Mer-ab-du
Merabdu,
̌id ${ }^{d} \mathrm{Ninni}$ accounting priest of Ishtar,
${ }^{41} \mathrm{ib}=$ tupuqta 'a room' $O B W 480_{11}$.
${ }^{42}$ This gives the full name of Ningirsu's temple in Lagash.

| ...dUtu-g[è $]$ | (at the temple of ) the sun-god, |
| :--- | :--- |
| $5[\mathrm{na}] \mathrm{m}-\mathrm{ti}$ | for (his) life |
| a-mu-n[a-dú] | dedicated it. |

## No. 10. Fragment of a Basalt Statue.

Parts of two columns remain: I. àg . . . gar, nir . . . ne . . ., II.


The goddess Ninkharsag, a lady named Ningushkin; dúg+hu-nád; the name (?) nin-sud-àg, and the signs in Col. I are all that can be read on this fragment.

## No. 11. Votive Tablet of Gimil-Sin.

The first line has been supplied.

| [ ${ }^{\text {S }}$ U'- ${ }^{\text {d }}$ En-zu] | [Gimil-Sin] |
| :---: | :---: |
| ki-à g ${ }^{\text {d E n }}$-líl-lá | beloved of Enlil, |
| lugal dEn-líl-li | the king whom Enlil |
|  | as his heart's beloved |
| 5 in-pád | chose, |
| lugal esig-ga | the mighty king, |
| lugal Uríiki-ma | the king of Ur, |
| lugal an-ub-da tab-tab-ba-gè | the king of the four quarters of the world, |
| Šàg-g i-p ád-d ${ }^{44}$ | Shaggipadda, |
| 10 ê-ki-à $\mathrm{g}-\mathrm{ni}$ | his temple beloved, |
| n am-til-la-ni-šù | for his life |
| mu-n a-dú | built. |

No. 12. Votive Tablet of Gudea.
The inscription reads:
${ }^{\mathrm{d}}$ Nin-šubur ${ }^{45}$ To the god Ninshubur

[^5]| sukkal An-na | messenger |
| :--- | :--- |
| nin-a-ni | his lord, |
| Gù-de-a | Gudea, |
| 5 pa-te-si | ruler |
| Lagaski | of Lagash |
| ê-a-ni | his temple |
| mu-na-dú | has built. |

## No. 13. Alabaster Amulet.

This engraved alabaster amulet is said to have been found at Erech. It represents a demon, probably Labartu, often mentioned in the incantation texts. With the exception of the feet, the demon has a rather graceful human body, which appears to be in violent motion. Her head is turned to the right; huge fangs appear in the open mouth from which her tongue protrudes; and, above this, fierce, voracious eyes express the very concentration of rage and hate. The arms are uplifted and stretched far apart; under these are pictographs which, if intended for Babylonian signs, prove that this work of art belongs to a very early period of history, probably the age of Lugalzaggisi, or sven earlier. ${ }^{46}$ While the signs immediately under the hands may be síg 'wool,' 'hair,' they are more likely zag. ${ }^{47}$ One of the meanings of this sign is pirištu, 'decision,' 'oracle.' It probably originated in the picture of a bundle of divining sticks tied together. We actually find that riksu, 'bond,' is one of the meanings of the sign. ${ }^{48}$ Thus zag may mean 'incantation,' 'binding.'

The two remaining signs may be intended as pictograms of the sign uh 'vermin, ${ }^{* 9}$ in which case these would be actors in the nightmare produced by the demon. It must be remembered that Labartu was, above all, a demon of evil dreams, illusions, and nightmares, as well as of fevers that give rise to these.

The hyenas (there can be no mistaking these on this amulet for $\operatorname{dogs}$ ), serpents, unicorns, and dogs that appear on the few reliefs depicting her may
${ }^{46}$ Cf. OBW I No. 291, also No. $484_{2}$.
${ }^{4}$ OBI \& I: ns margin and III: 41.
4. $O B$ W 291 wand 11 .
"f. $O B W$ I viii : ${ }^{\prime}$.. We do not know the arelaiu form of di. hut shonld these represent it we may have the word zag-di=ŝâninu, 'he who goes to your side'; i. e., 'the

here be associated with vermin that form no inconsiderable feature of even normal nightmares.

According to the incantations, Labartu was a daughter of Anu and Enlil. Her color is white, she has a horrible face, the head of a lioness, and the willowy form of the panther; she roars like a lion and howls like a leopard. Besides fevers and nightmares she causes headaches and insomnia.

While a number of features of the demon on this amulet correspond with other known representations of Labartu, it varies from them by the absence of serpents; also, the ass on which she kneels and which in turn kneels in a boat, as well as the boat, are wanting. Her bird-claw feet are like the hind feet of the dragon of Babylon, while the amimals springing at her do not suck her breasts.

## No. 14. Marble Amulet Belonging to the Yale Collection.

This is published here by the courtesy of Professor A. T. Clay for comparison with No. 13. It is a more characteristic Labartu figure than No. 13, and contains on the reverse an inscription the signs of which, while archaic, are not so early as those on the obverse on each side of the demon. As in No. 13, the figure is in violent motion, the arms outstretched but bent at the elbows; and the head, with wide open mouth and wild eyes, is turned toward the left. She is attacked by two animals, a hyena and a dog or wolf. The sign under the right arm may again be zag, that near the left arm $\mathrm{ti}^{50}$ and the lower one šub. ${ }^{51}$ The first would mean as before 'bind,' the second 'seize;' the third 'overthrow'; i. e.; magic words to render the demon harmless. The inscription reads:
${ }^{\mathrm{d}} \mathrm{E}-\mathrm{nu} \mathrm{ru}$ Incantation:
kešda $\mathrm{a}^{52}-1 \mathrm{a}^{53}$ lù-erím ${ }^{54}-\mathrm{ma}$
tu-lu $\mathrm{u}^{55}$ lù-hुul-gál
lim-ma s.ng sag dNin-TB ${ }^{57}$-gè
5 Iù dNin-IB me-en
bind the ban of the enemy loose one, bad one.
The chief seer of Nin-Urta a man of Nin-Urta am I.

```
\mp@subsup{}{50}{0}\textrm{ti}=laqu\overline{u},'take' OBW 766 .
51 šub = nad\overline{~}, 'overthrow,' OBW 6.91:.
*=kešda(?)= raki&su, 'hint,' riksu. 'a hond,' OBW 170.1...
\mp@subsup{}{}{53}1\textrm{lal}= esêlu, kamû, 'bind,''ban,' B 10089 and 10094.
54ne-ru - crím= aibu, 'ememy:`' 'bat man' B tont.
55+u-lu = rummū.\ram\overline{u}. 'lonsm`n` B 1096.
Ns}1\textrm{i m-maš-barû.'seer' B 929f.
" }\mp@subsup{}{}{57}\textrm{Nin}-\textrm{IB}=\mathrm{ Nin-Urta Yale Syl. 288.
```


# n a m-b a-t e-g á-n ${ }^{58}$ <br> $\operatorname{lingix}$ <br> May they not be thrust down (i. e., oppressed). 

## No. 15. The Jewel of Kurigalzu II.

This interesting object of lapis lazuli belongs to the coin collection of Mr. Edward T. Newell, president of the American Numismatic Society. It was obtained by him from a London coin dealer who may have purchased it from someone who procured it in Egypt. Its color is a bright blue. The pierced lug on the upper edge shows that it was intended to be worn as a pendant, probably an amulet, either alone or with a chain of beads.

On the obverse has been carved a six-pointed star. Over the center of the star there is a round boss. Triple curved lines, circling from left to right, radiate between each pair of star-points from the center to the circumference of the disk.

It will be noted that the star is a hexagram, and the rays behind, with the swastika motif from East to West, seem to indicate that we have here an emblem of the Babylonian sun-god Babbar, or Shamash. But the disk of the sun-god has always a four-pointed star forming the Sumerian sign maš, one of whose meanings is 'sun-god.' On the other hand the star of Ishtar has eight points and no rays. Jeremias (Geisteskultur, p. 100.7) tells us that the hexagram, according to the Talmud and Kabbala, had the mystic meaning of fire and water, that it was the seal of Solomon or the shield of David, but otherwise, outside of Islam and ancient Mexico, he does not know of its use: "Bei den Babyloniern ist es bisher nicht nachweisbar."

Turning now to the reverse side we find a disk covered with an inscription in monumental characters, engraved on a smoothed surface, the right hand half of which has, however, a deep natural depression which is followed by the inscription. This consists of six lines, as follows:

$$
\begin{array}{ll}
\text { Ku-ri-gal-zu } & \text { Kurigalzu, } \\
\text { šarru tâbu } & \text { the good king, } \\
\text { mâr Bur-na-bu- } & \text { son of Burnabu- } \\
\text { ri-iu-ís } & \text { riyash, } \\
5 \text { šàr } & \text { king } \\
\text { Bâbiliki } & \text { of Babylon. }
\end{array}
$$

${ }^{5 s}$ te-gá $=$ dihh $\hat{u}$, 'push,' 'press down' $B$ 7726. For this negative precative form, see Poebel, Grammatical Texts, p. 87, nambannazi.

Between the signs of the last two lines are what look like a pair of gate posts that may symbolize Babylon.

Kurigalzu II was a Cassite king of Babylon, a contemporary of Amenhotep III whose date is, say 1400 B. C. His father was probably Burnaburiyash II, and his son was Burnaburiyash III, ${ }^{58 a}$ who came to the throne before the death of Amenhotep III (1413-1377 B. C.) because one of his Amarna letters was to this king of Egypt while five others were to his son Amenhotep IV. He reigned twenty-five years, 1385-1360.

Now we learn from the Amarna letters that it was the custom in this period for the Pharaohs to ask in marriage the daughters of allied kings and vice versa. One of the letters of Burnaburiyash III shows that Amenhotep IV had, as an actual or prospective son-in-law, a son of Burnaburiyash III, to whose wife or betrothed, a daughter of Amenhotep IV, he sends a necklace of 1,048 stones, possibly of lapis lazuli; to which he may have attached this amulet of his father. Perhaps, however, the sender of our jewel was Kurigalza himself, if the supposition is correct that it came from Egypt. But as Ahenaten could not yet have developed his Aten heresy during that king's lifetime, we cannot in this way account for the gift of a sun symbol. The question then is: why should the sun be represented on the jewel in such an unusual form. Was it an innovation, or a Cassite inheritance, or a Semitic, as compared with a Sumerian sun disk?

It should be remarked that Hilprecht in OBI 35 ff . published twenty-nine lapis lazuli objects from Nippur, six of them being ancient imitations of lapis lazuli, of which ten contained the name of Kurigalzu II, several of these mentioning him as son of Burnaburiyash. That Kurigalzu's son was Burnaburiyash III is proven by one of his Amarna letters.

The jewel may, therefore, have come from Babylonia, and be distinguished for nothing more than the title 'good king' and the peculiar form of the sun emblem. ${ }^{59}$

## No. 16. Amulet Incantation in Black Shell.

This small amulet, minutely incised, is said to have been found at Jokha. It is pierced through the middle from top to bottom for a string. The inseription is doubtless cabalistic in nature; the first line ${ }^{d} E n-n i-n u-n$ a may be one

[^6]of the formulas meaning 'incantation.' The following seven lines consist each of one sign repeated seven times. These are 2. dingir, 3. ki, 4. zu, 5. bár, 6. súb, 7. nin, 8. kešda. Then follows 9. ${ }^{\mathrm{d}}$ En-líl šeš, 10. ${ }^{\mathrm{d}} \mathrm{En} \mathrm{k} \mathrm{k}, 11$. . . t]i issib $g[a]$. The reverse, with the exception of a sign at the end of each line, has been worn away.

Each sign on the obverse of this seven times seven incantation doubtless has a mystic sionitionce, and was repeated perlaps somewhat after the manner of the howling dervishes of Mohammedan countries. In lines 9 and 10 Enlil seems to be called a brother of Enki.

## No. 17. Arite Votive Amiletet.

This is an oval amulet of brown and white agate. The obverse is convex, polished, and covered with an (hr Bathymian inscription helongiug to the time of Bur-Sin the son of Dungi. It shows the object to he a votive offering for the life of the king, and no doubt was found at Tello. This rotive is here puhlishet becanse it foms pat of this collection althon hit previon-ly appeared in RA XIII, p. 180. The inscription reads:
${ }^{\mathrm{d}} \mathrm{L}$ a ma
nin-a-ni-ir(?)
nam-ti

5 lugal esig-ga

Ha-l a-dB a-ú
dam Ur-dama
dub-ša r-gè è
10 a-m u-n a-ru

To the god Lama, her lord,
for the life
of Bur-Silı.
the strong king,
the king of Ur.
Khala-Bau, wife of Ur-Lama, the scribe has dedicated it.

The name Hala-Bau1 ${ }^{60}$ occurs several times in RsnTU. From this inscription we learn that she was the wife of Ur-Lama II, who was patesi of Lagash during the early part of the reign of Bur-Sin. ${ }^{61}$

## 

This text was purchased by Dr. Nies at Bagdad in Dec., 1904, and was said to have been found at Abû Habha. It belongs to the series uturiki

${ }^{01}$ Cf. Keiser Pts, Synchronistic Table.
limnûti of which tablets III, IV, V, X, XV and XVI, together with a number of sections of other tablets not yet identified as to their order in the series, are published in CT XVI. It is written in the Neo-babylonian script, and, with the exception of a few lines, gives the Semitic translation of the Sumerian text. About one-third of the lower part of the tablet is lost. A comparison with the texts of this series in CT XVI shows this tablet to be a duplicate of Tablet D (Pl. 35-36). It restores at least two-thirds of the obverse and most of the sections of the reverse which are lost on Tablet D; so that from these two tablets it is now possible to restore the greater portion of the text, with the exception of the lower one-third of the obverse. Unfortunately the first line of the text as well as the first part of the colophon are broken away, and so its position in the series still remains undetermined.

It is to be further noted that this text clearly proves that Tablets $\mathrm{D}(\mathrm{Pl}$. $35-36$ ) and $\mathbf{F}$ (Pl. 38) in CT XVI are copies of the same text, but made at different times. The date of the present text is illegible. This text is of great value, not only in restoring so much of the lost text of Tablets $D$ and $F$, but also for a coṇsiderable number of new,-at least so far as the writer was able to determine-Semitic values for Sumerian words.

## TRANSLITERATION.

I.

:2 The valur štqû for sukud is new. We would expect št-qu-ti instead of ša-qu-


```
1.)gis-gi a-gi=% úr su-su
        a-pa u luu-pi-e it-
    suk-ra ha musen-na l,a-an(!)
        inu аи-pu-ri mu-и́-mu u <<-[su-ru]
    gán-šar ê(?)-zi(d)-da
20 ince mi-rǐ-tu bit(?)
    fa giš%ar
        ki-rib ki-ri-i
    sar-šar-ra nam
        inu mu-su-ri-p
2.) dingir-silig-tlim-nun-[na dumu-sag] . . . . . . . . . . . -bi
        \mp@subsup{}{}{\mathrm{ Marduk mar riš-tu . . . . . . . . . . . . . . . . . . . -bi}}\mathbf{}\mathrm{ - }
    a-a mu utum-hul...............ni-sukud-da
        a-bi ú-tuk-ku lim-mu ša
    an-nu-z a-sìgg4 suhhuš-bi zal-šú(?) ..........ni-sukud-da
```






```
        ina pu-uz-ra-a-ti ih-ta-na-al-lu-up e-til-šu ul i-ba-'
    8.j) lubbinhi zeta grisal-wisal-za-bi llus-bi ìhlhul-a
        ina şu-up-ri-šu mar-tum it-ta-na-at-tuk-ki iz-zu im-tú li-mut-tú
```



```
        ni-bit-ta-šu ul ip-pat-tar i-da-šu i-hुa-am-ma-t़u
    ki íh-ha-hi írsâki-šár-ra-goc-ka ás%-šar nu-un-gá-gá
    4 0 \text { a-šar i-tag-ga di-im-tú uš-ma-al-la a-di ša-a-ri ta-nu-qa-tum ul i-kal-la}
```

"The new meaning lillui for a-g i is probably to be associated with the meanings $a=m \hat{u}$ 'water' $\left(O B W 521_{2 \Omega}\right)$ and $g i=q a n \hat{u}$ 'reed' $\left(O B W 92_{34}\right)$, i. e., water with reeds. a swampy place where reeds grow. In the Rassam cylinder ( $Z A I I I$, p. 311 ff .) 1. 70 Sennacherib mentions a-piku-pi-e which he brought from the city of Kaldi, to be used in making bricks for rebuilding and beautifying his palace at Nineveh.
${ }^{6 \star}$ The meaning of a $n-n u-z$ a-sìg is not clear, a $n=$ prefix $3 r d$ person, $n u=$ negative $u l$; and $z$ a-sìg is probably the verb.
${ }^{65} u r-r u-u b$ seems to be a new meaning for $u$ d-š u-u š-š ub.
${ }^{66}$ á-úr is repeated for the plural. The meaning puzru is new.
${ }^{67}$ Note the use of $l$ a instead of $n u$ for the negative $u l$ 。 $b a^{\prime} u$ is a new meaning for $l a ̆ h$.
${ }^{\circ}$.h hamatu is a new meaning for sud.
${ }^{60}$ Cf. $M 8$ áš (or perhaps to be read til) =tanuqâtu.
a-a-mu mìn-kam-ma-šù ni-nir-ra dim tur mah ni-sukud-dù nu u-g i
$a-b i$ ina ša-ni-i e-til šur-bu ra-bi și-ri ša-qu ul im-mahु-har
ù um-ta-diḩ tü-šúr-huš-zi(g)-ga-dìm [a]-ga-bi-šù nu-silig-ga i-la-'-im-ma hi-ma ša-a-ri iz-zll sam-mu te-hi-|tim! a ma ár-ki-šu ul i-ta-
45 im-ri-ha-mun tü-šúr-huš-zi(g)-ga-dìm . . .-bi-šù ni-nigin- . . a-šam-šu-tum ša iz-zi-iš šam-riš te-ba-tim ina . . . . -ni-šu i-ša-'
im-gàl-lu tü-ri-a-bi mulu sahar-ra ni-nigin-
šú-ú-tum ša-rum za-qi-šu ni-ši e- . . . i-bi-šúu- .
im-mer-ra gu-la a-ri-a-bi kúr-dagal-[la] ba-
50 [il]-ta-nu ša ra-biš ina za-qi-šu [ma-a-tu ra-pa-šu]
. . . . -im-ba an-t a ség niın-gír šú
. . . . . šame (-e) e-liš u-ša-az-na-nu bir-qu ša zu- . . . . -zi
.......gul-gul sahar-sahar arra-

55 . . . . . . . . . a( ?
II.
ê- . . . níg ra ina bît-" bît și-i-ri
en-e nin-bi-šù nam-gê
a-na be-lu u be-el-tum nam-meš $a$ -
60 ag-a g-bi a-rá in-g a-zu
ep-še-e-ti-šu-nu al-ka-[ka-a-ti]-šu-nu $i$-[lam-ma-du] (?)
Erida ${ }^{k i}$-ga a-na ni-ib a-n a ina ${ }^{a}$ Eridu mi-na-a $i$ - . . . . . mi-na-a
ki kin-kin-na . . . . . . . . mah-bi
65 aš-ri ši-te-' . . . . . . . . -și și-ru-tim
tû-dug-ga dingir-nin-[mah] . .gè ag-ag-bi šú mah-bi

a-rá gal-galla...... za-e dingir-nin-mah a-

70 dingir-nin-mah nin- ... ama-gal késki (?)
${ }^{d}$ Be-lit ilâni . . . . . šame (-e ) um-mi rabi-ti s̀l
ê-gu-la . . . . . na. . nam an-ki-a nam dingir-ri-e-negè šú. . .
ina bîti rabi . . . . -šu ši-mat šame (-e) u irsi-tim ši-mat ilânimes ina $q a ̂ t i$.
a-1白. . . . . -11 a-ian-g al ì 111111111 a

dumu......-elim-nun-n a Erida $\mathrm{a}^{\mathrm{ki}}$-g a giš-har-bi ni-[gál-la]

ha-ra-a[n-pád-da] za-e ha-ra-an-p ád-[da]
li-kal-[lim]-ka ka-a-ti li-kal-lim-[ka]
80 a-a-mu en-g al d En-ki-gè ha-ra-an-pád-daza-e ha-r a-an-pá[d-da]

me giš-har geštú dagal-la En-ki-gè ha-ra-an-pád-da za-e ha-ra-an-pád-da par-si ú-ş-vat uz-nu rapšu-tim ša ${ }^{\text {déE-a }}$ li-kal-lim-ka ka-a-tú li-kal-lim-ka
in-kin-kin-gè inim-malh-bi dng-ga-a-ni ki-in-gia ab-kin-kin-gè
85 iš-te-'-e-ma a-mat qi-bi-ti-šu sir-tum áš-ri-iš iš-te-'-e-ma ag-ag-bi ka-an-zu a ki-bi-šu ba-an-gé-gé ep-še-e-ti [ši]-na-a-ti zêr(?)-su mi-im-ma ana aš-ri-ši-na tu-ur-ru dingir-silig-... ${ }^{\text {E }}$ En-ki-ra-gè a-ma-ši-in-tu-ka mu-un-na-an-de-e
 har-bi ni-gál-la
90 . . . -ri-(?)-i ${ }^{d}$ Be-lit ilâni ša . . . . ša ${ }^{d} E n-l i ́ l ~ i n a a^{a ̀ l}$ Eridu u-şur-ta-šu ša-kin-ti
[ha]-ba-an-pád-da má-e ha-ba-a n-pád-da
li-kal-lim-an-ni ia-ti li-kal-lim-an-ni
a-a-[mu] en-gal ${ }^{d} E n-k i-g e ̀ ~ h ̧ a-b a-a n-p a ́ d-d a ~ m a ́-e ~ h a-b a-a n-~$ pád-da
 h a-b a-a n-p ád-d a
95. dEn-ki... dingir-silig-. . mu-un-na-ni-ib-gé-gé (?)-иа dumuмu dinsir-silig mulu-dng
igi dBabbar-ra zúr-ra ù-ne-ni-[sum(?)]
ma-har ${ }^{\text {disamas mi fa-ll }}$ मि-di-ma
${ }^{70}$ The meaning kalamu for p ád is new.
${ }^{71} \mathrm{k} \mathrm{i}-\mathrm{i} \mathrm{n}-\mathrm{g} \mathrm{i}=a s ̌-r i-i s{ }^{2}$ is new.
dingir mulu－ba－gè ša（？）ilu＂me－tu sítu－tú šum－̌̌u su－kiur－ma mu－bi－pá［d－da］
 dingir－［ra－na］
100 ik－ri－bi ni－qi－i a－lak－ti［ri－e－mu］ša a－me－lu mut－tal－li－ku mari－ili－šu sag－gatina heren－［gub－ba mal－la］natandag dag gi
ina ri－ši－šu li－iz－ziz－ma ．．．．．．ip－par－ki
inim－bi dBabbar－ra heeen－na－．．．．šúgéea dBabbar heeen－ na－an－．．

105 salyar（？）dim（ ！）．．．．u－mr－gún－gún－nu－bi －šu ti－id－ia－a－ru
．．．．．．．．．．．．．u－me－gub la u－me－ni－（？） －lii inu lii－gul－la lu－uた－さiz－ざい ul
．．．．．．．．．．［šip］－ti i－di－ma e－m e－n i－d ù
110
．．．．．．．．．．．bar（？）－ta－rá u－me－ni－è（？）
．．．．．．．．．．．．．．．．．šú－pi－ma
．．．．．．．．．．．．．．－íh hat－za
$d i$

III．

115 dingir－úsan－［an－na hul］－dúb－ba su mulu－gàl－lu dumu

ina ši－mi－tan luulduppu ${ }^{722}-u$ и́ zu－mur ameli mari ili－šu ṭu－u［h－hic］
ku－bar－si máš－hul－dúb－ba sag－gá－na u－me－［ni－kešda］
ina par－ši－gu ša uriṣi－hुulduppi－e qaq－qad－su ru－Fu－us－ma
utug－hul a－lá－hul gêdim－hul mulla－hul dingir－hul maškim－ ［hul］${ }^{73}$
120 dingir－rab－kam－me dingir－rab－kam－a dingir－rab－kam－ ［me－kil］
utug mulu－dib－ba ú－tuk－ku ka－mu－úu ša amelu e－kim－mu ša amelu $s ̧ a b-[t u \quad g e ̂ d i m$ mulu－dib－ba］
${ }^{72}$ Lines 115－127 duplicate $11.30-45$ of Tablet D．The restorations in brackets are from Tablet D．
${ }^{72 a}$ Perhaps a band made from the skin of a sacrificial animal．Cf．＂Sacrificial Skins in Rituals＇＂by Frazer，Folk Lore in the Bible，Vol．II，p． 4 ff．
${ }^{73}$ The Semitic translation for this and the following line is given in Tablet $\mathrm{D}: 36,37$ ． For the translation of the names of the different demons，see TmpDvls I，p． 161.
mulu-hul igi-hul ka-hul eme-hulis
sag-gig sú-gig šàg-gig likir-gig
inim-inim-ma-ne-e salg-gá-na lıe-ep-ta-an-zi-zi-e-ne
12..5 ma sip ti (1n-ni-li imu riši-šn li-in-na-as-lın
${ }^{4}$ Pasag-táligir-gal maskim-mah dingir-ri-c-nc-gè sag-gána heeell-gub-ba mal-la na-a 11-das-gi
${ }^{\text {d}}$ I-šum na-gi-ru ra-bu-ú ra-bi-ssa $a^{75}$ și-ru ša ilânimes ina ri-ši-šúu li-iz-zizma . . . ip-par-ki
su mulu-qillu pap-hal-la gè zi-ba-an zéen ka-azag-mah-zu h a-m a-a b-bi
ina [zu]-mur ameli mut-tal-li-ku . . . . . . ina pi-i-ka el-lu si-ri liq-qu-lii
130 níg-hul-w álex zi(!
mimma lim-nu . . . . . . . ana aš-ri dNin-ki-gal-la
su máš-hul-túb-ha-ma mulu-gìl-lu pap-hal-la ta-rá-a ma-šak uriṣi-hुulduppi-e amelu mut-tal-l[i-ku] . . . .
a n-áš-ám . . . . . . . . sil-d agal-[la] . . . . . .
135 ina ri-bi-ti
níg-hul-gále ki-šu h̆ e-épmimma lim-nu ana irși-tim li-
a-lá-hul níg nu-níg a-lu-ú lim-nu ša ana
 ú-ri-şa še-e-du dum-qi
 mu-デи и ur-ra ina ú-su-
mulu-gàl-lu-bi bara-šìg-[gè è
145 amelu šú-ú ina barašigi-e
ê-nun azag-ga ki nam-ti(l)-la ku-um-mu el-lu a-šar ba-la-țu
${ }^{74}$ For the Semitic translation of this and the following line see Tablet $\mathrm{D}: 39,41$.
${ }^{75}$ We would rather expect ra-bi-su si-ru; cf. ra-bi-si ssi-ri in Tablet K: 179 (CT XVI, Pl. 46). These two lines (126-7) duplicate 11. 178-9 of Tablet K.
${ }^{76}$ Lines 140-157 correspond to Tablet F Col. III: 1-16 (CT XVI, Pl. 38). Note that 11. 148-151 are combined in Tablet F (11. 9-10). Unfortunately the present text is poorly preserved at this place and only adds kin-gal-mab after azag-su to the text in Tablet F. In 1. 155 lit-pu-ut-ma is given as the Semitic for u-me-n i-t a g.
urudu－sîg－tăk－alamazag－zukingal maly ！！
150 gištir azag－ga andul dagal－la－gè u－me－
（tnu kiš－ti rlli－tim s̈́儿

e－ri ishulduppu－u ${ }^{i s}$ şi－
giš－t ún u－me－ni－tag
15．）іие pu－t－їи lit－pu－ut－mu
alam nam－ti（1）－la
mu－mut（？）－（？）－l）at－i u
－．－e－n e
．．．．．－$і$－šu－m
160
$\grave{s} a$
imin－bi

IV．
．．．－ne
－．lit（ ？）－li
1（i．）．．dim－1á
ditto－ú u a－na．

 bu－u $\varliminf^{77}$
［še］－id dum－qi ša ina qa－ti－šu mimma lim－nu la uş－șu－u ina ri－ši－［šu $l i-i z-z i z]$
170 utug－hul－gálee hatba－ra－è bar－ta－bi－s ì habatra－［an－gub－ba｜
［ú－tuk］－ku lim－nu li－si－ma ina a－ha－a－ti li－iz－ziz sīr ※́t－fîm sartab－ba u－me－
．．．．．．．it－te－e ša ú－ma－ši ki－is－su－ru－ti šú－
zag－gab－ba ni－in－lá inim－inim－ma u－［me－ni－sum］
175 ina sip－pi tu－qa－．．－ma šip－ti i－di－ma

${ }^{77}$ Lines 168－185 correspond to Col．IV ：22－43 of Tablet D．The restorations in brackets in 11．168－70 are from Col．IV：22－4 of Tablet D．
${ }^{\text {² }}$ This is restored from Tablet $16: 204$（CT XVI，Pl．21）where $u$－m e－n i－s um is trans－ lated by $i$－di－mu．
${ }^{70}$ The Semitic translation of $11.176-8$ is given in Tablet D：31，33， 35 ．

ud－gèa ※̌u－šubi－ta nam－ti（1）－la heren－na－am－sum－mu


 dingir－ra－na
ina ik－ri－bi ni－qi－i a－lak－ti ri－e－mu ša a－me－lu mut－tal－li－lku mari－iti－šu
 an－teg á
dingir－silig－elim－nun－na dumu－sag zu－ab－gè šag－ga tag－ tagbi za－a－kam ${ }^{s 1}$
15：）inim－inim－ma utug－hul－a－gè
©n nun－．gar－ra zìb－ba ab－tuh
$\therefore$ suit pi－isu a－na dum－qi suk－mu
an－．．．．．．．．－gè ša ăip－ti in－num－du－ú n am－̌̌ub batan－sum inim－dug－ga ina qabi－e ša šip－ti uš－ša－pu nam－šub ba－a n－a g ${ }^{s 2}$
190 en ．．．．．－bis3 be－lu meñi－ti－sı（1mu dum－mu－qu šu－tag－tag－ bi－e－ne
en zu－ta be－lu a－na la－ma－di mar－şu mulu－tú（r）－ratš ù
gab－ri giš－sà－a－ni máš sag mulu－tú（r）－ra keš－da－a－ni
mi－ih－rit ir－ši－šu ú－ri－șa ina ri－eš mar－ṣu ir－ku－us
 gub－gub－bu
195 ià áb azag－ga šam－ni ár－hुu el－li－túu ši－zib la－a－tu li－qi－e－ma ga áb－ dur－ma šú－u－me－tis ${ }^{\text {s5 }}$

so The meaning nid－bu for níg－ninni is new．
${ }^{4}$ For the Semitic translation of part of this line see Tablet 1 ： 42 ．
${ }^{82}$ The meaning ašapu for ag is new，so also in $1.200 \mathrm{ne-in} \mathrm{n} \mathrm{g}=$ ú－ša－pi－ma；ef．，how－ ever，this sign in níg－šâ－a $=u$－pi－šu（Tablet 3：56－7（CT XVI，Pl．2）and Tablet C ： 181 （CT XVI，Pl．33））which Thompson translates＇enchantment＇（TmpDvls II，p．167）．
${ }^{89} \mathrm{i}$ d－šúgìr－bi is perhaps to be restored；cf．Tablet IX： 83 of the TI＇I series（ $C T$ XVII，PI．21）where this is given as the Sumerian for meš－ri－ti－šu．
${ }^{34}$ Cf．${ }^{\text {zammu }}$ urugallu（ $M 4590$ ）．The two probably have about the same meaning．
${ }^{55}$ This line finds a duplicate in Tablet 3：30 of the Tr＇I series（CT XVII，PI．12）．
${ }^{80}$ Note that bi is omitted．It should be mùš－bi or mu ǔ－me－bi to correspond to $z i-m u-s ̌ u ;$ cf． m ùš－me－bi $=z i-m u-$ šu in Tablet $\mathrm{K}: 185$（CT XVI，Pl．46），while m ùs $=z i-$ i－mu（RsnHym No． $42: 6-7$ ）．
${ }^{\text {s7 }}$ Lines 196－208 again correspond to Tablet F Col，IV：3－17．The restorations in
úri-ṣa ṣal-mu im-mir at-ri-e ša zi-mu-šu ti-it-a-ru zi-bi dug-g ash ma-pis-ta-šu il-pu-ut iq-qi-ma ne-in-de
 dа-пи́
 in-ag

ka azag [malldi nam]-sub Eridahiga-ge "En-ki lugal-zua b-g è
ina pi-[i el-li ti-iz]-qa-ru ši-pat ${ }^{a}$ Eridu ša ${ }^{\text {d}} \hat{E}-a$ šàr ap-si-i
mulu-gilll-lu] dumu dingir-ra-na
205 ana-[dìm heeen-azag-ga] ki-dìm heeen-el-la
 ta-g ub
[inim-inim-ma utug]-hul-a-g ©
. . . [ha-la-ba-an-uš! (?) . . . . inim-duğga-bi nu-šag
. . . . . . . . . ri-kim-šu-nu . . . . -qa
210
. . . . . . . . . . . . . .abl ! ) šar ba-a n-è amıl dupšar

## translation.

I.

10 . . . luxurious house
The high mountains which everything
In the forests whose excellent shade
15 Reed and reed-thicket
In the swamps fish and birds
brackets are from Tablet F. With 1. 197 we may also compare 1.25 of Tablet XI of the Ašakiki marsûtı series (''T XVII, Pl. 9) where udu-id-lar-a gir-hi is mentioned.
${ }^{88}$ Note the variant zi-bidug-ga for zi-bitag-ga in Tablet F. tag-ga= il-pu-ut ( $\boldsymbol{B} 3797$ ) which is also the Semitic translation for dug-ga in our text. Is dug then a mistake for tag ; or are we also to assume $\mathrm{dug}=$ lapatu? If the latter then lapatu is a new meaning for dug. It is to be further noted that the first sign in Tablet F IV : 4 is not mu (so TmpDuls I, p. 172) but zi as our text clearly shows.
 M 493. In 11. 188-9 šip-ti=n a m-šub.

2() In the puantation
In the midst of the gemelen
In the plantation
25 Marduk eldest son of (Ea)
My father an evil demon, which
30 He did not . . . his foundation lofty
He entered, his shade grew dark, in his body there was no light;
In the most secret places he marched, his lord he did not seek.
35 With his finger nail bitterness he poured forth on thee, anger (and an evil breath);
His fetter was not loosened, his side was inflamed.
40 Where he becomes angry, tears fill unto superabundance (and) howling does not cease.
O my father! (who) by another lord, mighty, great, high and lofty, art not equalled;
He torments, and like the approach of a violent wild wind after him does not
45 A whirlwind which approaches violently (and) wildly with his hastens.
The south-wind whose blowing the people
50 The north-wind which greatly with his blowing the wide land . . . . heaven above causes to rain (and) the lightning, which
II. In $\hat{E}$ - . . . the lofty house

For lord and lady
60 Their works, their rites learn
In Eridu what
what
65 A place seek
lofty
With the incantation of the Lady (of the gods) lofty . . whose hand
Thy . . . rites thou wilt interpret
70 Lady of the gods (Lady (?)) of heaven, great mother, who . . . . . . .
In the great house . . . . the fate of heaven and earth, the fate of the gods in whose hands
75 . . . rites hasten to learn and
Son . . . . . in Eridu his appointed magical ban
May he reveal it to thee, to thee may he reveal it.

80 O may my father, the great lord Ea! reveal it to thee, to thee may he reveal it.
The law of the ban may the sage of Ea reveal it to thee, to thee may he reveal it.
85 He shall seek; the exalted word of his command he shall humbly scek; and
These rites . . . . . . to their place shall restore.
Marduk, (son of) Ea
90 . . . Lady of the gods . . . of Enlil in Eridu his appointed magical ban
May it be revealed to me, to me may it be revealed.
0 my father, great lord! may it be revealed to me, to me may it be revealed.
The law of the ban, $O$ sage of Ea! may it be revealed to me, to me may it be revealed.
95 Ea . . Marduk . . . . restore . . . . . my son, Marduk the good man;
Before Shamash place the sacrifices and
O god the name of that man pronounce! and
100 The prayers, sacrifices, means of grace of the wandering man, the son of his god;
At his head may he stand and
That word to Shamash may . . . . let Shamash
105
(?)
in hades let them stand (and) not
incantation perform and loosen(?)
III. In the evening place a hulduppu near the body of the man, the son of his god;
A bandage of a hulduppu-kid bind on his head.
Whether it be an Evil Spirit, or Evil Demon, or Evil Ghost, or an Evil God, or an Evil Fiend,
120 Or a Hag Demon, or a Ghoul, or a Robber-Sprite,
Or an Evil Spirit that holdeth the man in its grip, or an Evil Ghost that hath seized on the man;
Or an evil man, or one whose eye is evil, whose face is evil, whose tongue is evil;

Headache, toothache, heart disease, or heartache,
125 By this incantation may they be removed.
May Ishum, the great overseer, the potent sprite of the gods, stand at his head and close him in(?).
Near the body of the wandering man . . . . by thy potent purifying word let it be said;
130 Whatever is evil . . . . . . . . to the place of Ninkigalla.
The skin of a hulduppu-kid wandering man
135 In broad places . . (wide streets)
Whatever is evil to the earth $\qquad$
Evil Demon who to
140 The kid of a protecting deity
Dity and night in
145 That man at a favorable shrine
A pure sanctuary, the place of life
A wise (and) experienced metal-worker(?)
150 To a pure grove (whose wide protection)
A hulduppu of tamarisk
155 With an axe let him overthrow it (i.e., cut it down) and Image of life
The name
IV.

With the fat of an undefiled cow
May the protecting deity, from whose hand no evil proceedeth, stand at his head;
170 May the Evil Spirit go forth and stand away from him;
175 On the threshold . . and an incantation pronounce.
Let that man into the friendly hands of his god be entrusted.
The kid (of) the protecting deity at his head
. . . . will loosen.
Day and night may life be granted unto him.
1800 god! that man at the rising of the sun,
With the prayers, offerings and means of grace of the wandering man, the son of his god;
May his free-will offering come nigh to Shamash.
O Marduk, first born son of the Deep! to make bright and pure is thine.

185 Prayer against the Evil Spirits．
Incantation：The opening of his mouth shows favor； ．．．．．．of the incantation are added；
By the words of the incantation they are enchanted．
190 The lord whose limbs are for showing favor；
The lord for knowing the sick one．
Bind a kid at the front of the bed near the head of the sick one； Lift up an urigallu－reed at his head；
195 Take the fat of an undefiled cow，the milk of kine，and
A dark－colored kid，a fat lamb whose features are perfect（？），
Whose life he overthrew（？），he poured out，and
An undefiled kid graciously stretch out upon him．
200 At the command of the Lady of the gods a dark－colored kid，by the incantation enchant；
With a clear and loud voice（pronounce）the incantation of Eridu，of Ea king of the Deep．
May the man，the son of his god，
205 Become pure as heaven，clean as earth，
Bright as the middle of the heavens；may the evil tongue stand aside from（ $i . e$. ，be absent from）him．
Prayer against the Evil Spirits．

## No．2：3．Sumbran Hymn．

The four－sided prism，containing this hymn or liturgy，was probably mounted so as to be easily turned．This seems evident from the hole， 1.5 cm ． in diameter，which pierces it from top to bottom．Three of the sides are fairly well preserved，while the fourth side is practically all broken away．In shape， though somewhat smaller，this prism is similar to the one in the Ashmolean Museum and published by Langdon in his Babylonian Liturgies，No．197．The hymn apparently is to Ea．The beginning of the hymn is not clear to the writer ；and the translation is given with much diffidence．

IRANSLITERATION．
zu－ab ki－el ．．－te－gál
ê－si－ra lugal－zu he－im－ma－ri－in－gin
dEn－ut lugal－zu－a b－gè
kar－zu nàgug im－ma－da－an－．．
$5 \mathrm{kà}(?)-\mathrm{ka}(?)$ za－gín－na im－ma－ri－in－gin

gud－lugal ．．．nitalla sí（g）－ri
níhi latam im－gub ur－hi a d－w és
（ -si ira＂En－ki－ge ab－bal－azag me－a

［šàg］－z a g－zu－t a á－azag An－na
zu－ab ki－el nam－tar－ra

［ ${ }^{[E n}$ ］－ki en nam－tar－tar－ri－ne
1．5．．．．Ha－ub en Eridaki－g at－gé
．．．．．．．．．ri－ne
ê（？）．．．．．ba（？）．．ra－ne－in－dù
Erida ${ }^{\text {ki }}$ ．．．．ki－à g（？）－g è－ni

20 zu－ab zi－kalam－ma ki－àg dEn－ut－gè ${ }_{\text {giszag－ga rú－a ．．．sukud－da（？）gub－ba }}$
 a－ab－ba zi（g）－ga（？）gab－šú－gar nu－tug íd－mah ．．．．．kalam－ma zi－zi
－5）grigilr－ra


－hi íd－mall zi（g）－ga dìm

3
níq シャ́ nim－．．al－níg ．．．ta
 t и́ щi ．．．pa ni sub ein inim－e ad－mi

dug－ga dEn－ut－gè šú nu－bal－e（？）．．
mu－un－rá－a－ma mu－un－rá－a－ma

$\because{ }^{41}$ a
${ }^{92} \mathrm{~s}$ úg＝tê̂bu $O B W 327_{22}$ ．

Eridab dEn-ut im-ma-illa(?)


gišurarioga guriníl
mušen-e íb-bi mu-un-
suhur-ha m-làle
gud-lıa si-zi tur-tur-mu
45 dEn-ut zi(g)-ga-ni
zu-a b-a ì-
engur-xatistarmaly
a-ab-batdim im-mu-
íd-mabhelim su-zi
$50{ }^{\text {id }} \mathrm{Purat} \mathrm{fumim}$ mí
giš-wi-a-ni a $1-m u \approx$ (?)
gisal-a-ni ki zu-ab(?)
${ }^{d} E n-u t$ 。 - -a-ni mu-lle-

55 ê Erida ${ }^{\text {ki }}$-ga-gè
${ }^{i d} I d i g n a(?)-b i-i r$ ad-im-
inim-bi inim- . . .ra inim-
"En-utà e. . im-matab-bi hi
su-uš-me nu-wál ki-hi
(i)

gi-zéna-ab Nibrul atim
${ }^{4}$ En-ut-ge bi-bi-e bata
-. . -世 zabar-ra ba-dú
65

- garza a-ti(1)-a

gud làl ka-lum nín(?)
. . . . nam-ba-tar-ra . . .

kalam-e u-šem-dim ki-in-dar íd
en zu-ablugal dEn-ki-gè
${ }^{4}$ En-ki en nam-tar-tar-ri-nce
̂-a-ni azag nàza-gín ur-bi ba-ni-in-aú
$\because \mathrm{engur}=a p s u$ DlSGl, p. 35.

```
    9.) azaggnàza-gín-bi . . ki ki dub(?)-ka
    ...... zu-ab-a zur im-ma-ni-in-gub
    . . . . . . . . . . ga . . . . e-a
    . . . . nu-dìm . . . . . . . t a-lă hू-lăh_-gi-eš
    . . . . . a(?) mi-ni-in-dú n"za-gín
100 gal-li-eš azag-gi-ga šú-tab-ba ni-in-
    Erida}\mp@subsup{}{}{ki}\mathrm{ gán-il(?)-a ne-in- .....
    hum-bi inim-dü-dü ad-gé-[g é]
    gi-sal-la-bi gud-dim h_ar(?) im-
    e dEn-ki-gè inim, Eridaki ...
105 ê-e lugal-bi-ir hhar- . . . . . . ub-bi mu-un-gá-gá
    lugal dEn-ki-gè sukal gír-sîg abrig(?)-gè tü-dúg-gi im-me
    f im-ma-an-gub inim mu-un-na-de(?)-e
    hum im-ma-an-gín inim mu-un-na-ab-sum-mu
    e-azag nàza-gín-na ki-gar-ra
110 temen-me-bi zu-ab a-si-ig(?)-ga
    id}Idgna idPurattum im-šú-ti-a
    giš-sag-gul-bi gab-šú-gar nu-tug
    wiš-si-gar-bi ur(?)-mah im-ne(?)-du
    i-šú-zu . . ug(?)-gál(?) . . . . . dè
115 ......gud-an-na . . . . . dug-ga
    . . gur(?)-zu za-gín-na gisal- . . dar-a
    ...zu(?) ur-mah . . . ti
    . . . . . -zu . . . im-
```

        TRANSLITION.
    The deep is a pure place;
To a filled temple may thy king bring thee.
${ }^{\mathrm{d}}{ }^{\mathrm{EN}}$-UT, king of the deep;
Thy wall is set(?) with malachite,
5 Its lapis lazuli . . . protect(?) thee,
(Thou) makest the temple of Ea a bright (and) farorable
The royal bull . . . a man overthrows(?)
Who thus establishes himself, who counsels himself.
A filled temple of Ea is the shining sea.
10 Out of the deep an exalted sanctuary, the place he made;

From thy side, the pure side of Amna.
The deep, a pure place, the place of fates,
Prudent . . . king of ${ }^{\mathrm{d}_{\mathrm{EN}}-\mathrm{UT}}$
Ea(?), the lord of fates,
15 . . . the lord of Eridu
. . . . he did not loosen
Eridu . . . of his beloved.
The chariot approaches the place of abundance.
20 The deep, the people of the land, the beloved of ${ }^{{ }^{\text {EN-UT }}}$;
Who built the ${ }^{\text {giszag-g a, who set on high the . . . }}$
Eridu is a protection in
The rising sea is without a rival.
The deep river . . . . . remove.
25 The chariot
The temple(?)
Prudent . . . gives(?).
. . . like a rising deep river;
. . . . . . takes him.
30
. . . protection
of
the seven
35 The yoke, a shining treasure, whose fear
${ }^{\mathrm{d}}$ EN-UT
The command of ${ }^{d_{\text {EN-UT }}}$ no one changes.
He comes, he comes.
Eridu, ${ }^{\mathrm{d}}$ EN-UT spares;
The high protecting mountains, the mighty waters(?)
40 His side
The green orchard bearing fruit
In which birds
The subur-fish, sweet food
The bull-fish, small reeds
$45{ }^{\mathrm{d}_{\text {EN-UT, }}}$ its risiag
The waters of the deep

The deep, the lofty Ishtar(?)
Like the sea
Like a deep river, splendor (?)
50 The Euphrates
Whose reed
Whose plant, the place of the deep (?)
${ }^{{ }^{\text {E }}}{ }^{\text {EN-UT }}$ his
The ship, his breath
55 The temple of Eridu
To its . . . river
Whose command
(If ${ }^{\prime}$ EX-TT
(?) is not, whose place . .
60 Bright . . . is not, whose place . . .
To Nippur
. . . Nippur
The shining . . . was built . . .
65 . . . command

90
The land is like grass in the river's cavern,
Lord of the deep, king of Ea
Ea, lord of fates
His temple, (of) bright lapis lazuli by himself was built,
95 Whose bright lapis lazuli
In the deep he established firmness.
Like . . . . he set up
. . . he built it, lapis lazuli . . . .
100
Eridu
Whose (?) turns back commands (?)
Whose gisallu like an ox
The temple of Ea, the word of Eridu
105 The temple for his king . . . he built
King of Ea, messenger of the yellow scorpion, a leader who calls a favorable wind;

He took possession of the temple, the word he uttered (?)
Fruitfulness he established, command he gave.
For his bright temple of lapis lazuli a place he made;
110 Its foundations were the ebbing deep.
The Tigris (and) Euphrates he created;
Its dam was without rival;
Its cage . . .

115 . . . ox of hearen . . .
His shining . . .

Both of these texts, written in the First Dynasty script, are copies of the same hymn or liturgy to Libit-Ishtar, the fifth king of the Isin Dynasty (2256-2246 B. C.), in fact both are dated on the same day. That the Sumerians deified their kings and rulers is clear from the published texts, where their names are written with the determinative for god. ${ }^{94}$ During the time of the Ur Dynasty, the worship of deified kings seems to have been developed beyond all precedent, and become practically universal. The same practice obtained in the time of other dynasties as the liturgies to certain of their kings testify. Thus there have been published three long hymns to Islime-Dagan, ${ }^{95}$ one to Idin-Dagan, ${ }^{96}$ and one to Libit-Ishtar, ${ }^{97}$ kings of the Isin Dynasty. From the colophon on Nos. 24 and 25 it seems that this new text was perhaps part of a longer liturgy. However, the text is quite interesting, as each line concludes with "am I," and apparently is an attempt to magnify the titles, deeds, good qualities, ete., of Libit-Ishtar.

TRANSLITERATION.

> Lugal-sal dug-ga(?)
> di-bi-it-Istar. .
${ }^{94}$ See Pinches, PSBA, 1915 pp. 87-95; 126-134; and Langdon ibid., 1918, p. 30 ff. for a discussion of liturgies of the cults of various cities of southern Babylonia.
${ }^{05}$ SLT Nos. 9 and 14; VS II No. 200. For a translation of the latter see PSBA, 1918, p. 52 ff.
${ }^{96}$ No. 2 of Miscellancous Sumerian Texts in HAV; translated in LSGr, p. 196 f.
${ }^{07}$ VS II No. 199, translated in PSBA, 1918, p. 69 ff.
giš-gul-sar giš-tug(?)
nitaḩákal tug
5 nam-sul-la-maly
az-zag til gab-ri nu-[tug(!)|...
ušumgal infm-hi-[hi(? ? ) | nígal" crezi-na . .
a n-im-dugud(?)-ḩu kúx šà g-ga igi-gál ${ }^{99}$. . .
am-su-ma sag-nu-ǵá-ǵáme-|en|
$10 \mathrm{ne} \mathrm{e}^{100}-\mathrm{i}$ gi-sì um(?)
inim(?) ${ }^{101}$ za-gín è-a
igi-šag inim-šag šàg-dú-(?) me-en såtalan né-né-a hee-li dù-dù me-en inim(?)-dü-dü-ma he-lй me-rn
15 á-íl-la šú-si šag-ga me-en
未̌l-šag-ga údi dúg-ga me-en
"Li-bi-it-Ištar lugal kalam-ma me-en
sag-gê(g)-ga síb-zi-bi me-en sag-kal kúr-kúr-ra kalam-ma íl-lá me-en
20 dingir nam-galu uru nir-gál šár-ra me-en
dumu-nitah kalag-ga nam-lugal-la me-en
an-ta ${ }^{102}$ sag-íl-la ki-gub sǐg-ga me-en
išib An-na šúlahllahlga me-en
an-ni bàr-zi-mah sag-gá mu-ni-in-ge-en
2.5 "Enlil-li ${ }^{103}$ dumu-ki-i g An-11a me-en
ki-ùr-ra gíš-pa ${ }^{104}$ ba-dú in-sum
níg har šag-šag ${ }^{\text {N }}$ Nin-líl-lá me-en
a nitabla nam-śár mu-un-tar
${ }^{\text {a }}$ Nin-tú(r)-ri [ ? $]^{105}$ gibíl
30 sal ul-la zid-dè-eš sū ${ }^{106}$ me-en
igi-zi bar-ra ${ }^{d} N a n n a(r)$ me-en
${ }^{\text {}}{ }^{\text {s nígal }}$ = namrirru DISGl, p. 199.
${ }^{90} \mathrm{igi} \mathrm{i} \mathrm{g}$ ál $=$ našû ${ }^{\text {ša }}$ i-ni DlSGl., p. 19.

${ }^{101}$ Or sù, cf. ${ }^{\circ} 1.14$; but in No. 2511.11 and 14 it is clearly inim.
${ }^{102}$ Note No. 25 has a $11-\mathrm{e}$.
${ }^{103}$ Written ${ }^{\text {dEnlil-e in No. }} 25$.
${ }^{101}$ giš-pa aru 113911.
${ }^{205}$ These signs are not clear to the writer.
${ }^{106}$ To be read $\mathrm{s} \overline{\mathrm{u}}=$ sapadu $M 2263$.

```
imgíd-da dingir-šú i-di-sú
itu Še-kin-kud ud 11 kam
šunigi(n) 31 mu-bi
```

Queen of command（？）
Libit－Ishtar
Progeny of the king（？）
A hero possessing strength
5 Of exalted lordship
A mighty helper，a lord without a rival ．．
A sovereign，who commands the fear of his subjects ．．
（As）the zu－bird，（which）beholds in the midst of the mountain，am I A strong warrior，one not ceasing，am I
10 The strong one with a dark（i．e．，picrcing？）eye ．．．am I
Pure command goes forth ．．．．．．．．．．．（am I）
Of a friendly eye，a favorable word，a ．．．heart，am I
Of a strong form with abundant vigor，am I
The one who commands and adorns，am I
15 The one who lifts up the arms，fills the hand，（and）is gracious，am I
A gracious lord，of pleasing favor，am I
Libit－Ishtar，king of lands，am I
The faithful shepherd of the black－headed ones，am I
A prince of countries and lands，exalted，am I
20 The god of the people of the city，the lord of all the land，am I
The mighty son of the kingdom，am I
The one（with）uplifted head，a pious position，am I
A priest of Anna with pure hands，am I
Whose god placed him a faithful great prince among men．
25 Enlil，the beloved son of Anna，am I
（Who）gave the offspring begotten in the netherworld．
The one thus begotten，the favored one of Ninlil，am I
（ ？）who determines all things．
To Nintur（？）place of fire（？）
30 The one whom this woman truly mourns，am I．
The faithful eye by the side of Nannar，am I．

The lomg tablet: His god, his (?)
The momth Aldarus, and the $11^{\text {the }}$ day.
A total of 31 lines.

## No. 26. Hyme to Tammuz. ${ }^{107}$

This hymn, written in 'eme-sal,' belongs to the songs of the IshtarTammuz cult. It describes the wailing of Ishtar, the "bride," for Tammuz "her beloved." The obverse consists of five sections, each introduced by šà b-mu gi-ír-ra na-mu-ma-al; while on the reverse there are four sections, each introduced by ama-g an-e edin-na-t a i-ni-in-gul. A duplicate of this hymn, with some variations, has been published by Radau SHPD, No. 1, Col. II. This is from a large tablet containing a number of hymns of this cult, and preserves only the first 21 lines. The Nies hymn is on a small tablet, by itself and complete-a few lines at the end of the reverse being badly injured-and thus restores the whole song.

TRANSLITERATION.

```
        gi-íl-ral šàb-mu @ i-ír-r'a
            edina-na na-mu-ma-al
```




```
5 šàb-mu gi-ír-ra edin-na na-mu-ma-al
    ki-kal-a-ka na-mulma-al ki "I)umu-zi(d)-da-ka110
    a-r:a-li dul-% ìbka s.alomu ír\ra| [11
    [ki(?)]-k a l-a-k a112
    [ki(?)] [13_dD u mu-zi(d)-d a-ka
```

${ }^{107}$ The writer wishes to acknowledge with thanks his indebtedness to Dr. Albright of Johns Hopkins University for valuable and helpful suggestions on the translation of this text.
${ }^{105}$ This line is omitted in the text in SHPD.
${ }^{109}$ Between 11. 4 and 5 of our text that in $S H P D$ adds two lines: ama ù-mu-un-na

${ }^{110}$ This line is divided in SHPD with na-mu-ma-al repeated after ki-d $\mathrm{D} u \mathrm{mu-zi}(\mathrm{~d})$ -da-ka.
${ }^{111}$ This line is again divided in $S H P D$, and edin-n a $n a-m u-m$ a-al added after g i-ír-1":

${ }^{113}$ SHPD reads k i-á-lá a.

```
10 . . . . - síl ba-zé-ib-ba šàb-mu ír-r a 114
    ki-gan-ne (15." máš marza zé-ib-ba
    ki-ba\mp@subsup{a}{}{11;}}\mathrm{ dimir-bi mulu nu-mme-e n1+i
    O-e a ma-mulu-s a-muntic me-ba-n i-dug-g a-šit
```




```
    me-ri ๙̌uh-ba-u i na-mu-gí
    edin-e ba-te edin-e ba-te
    ama-g an edim-na-ta i-ni-in-g
    . .e-a edin-ni ba-ti
20 . . . zu-da edin-ni ba-ti
    . . edin(!)-na. . na . . . mu-ut- . . -na-šú
    ama-y an-e edin-na-t a ni-in-gul-la
    am-ú(g)-ga-na igi mu-un-[ši-har]
    igi-na igi-mu ama bar-bar-ri
25 a.matgan-e edi n-na-t a ni-in-gul
    mu-ut-t a-al-ka un(!). . . .
    . . . igi . . . ni eš al ba-t (
    .da me-ri mu-un-na
    ama-gan-e edin-na-ta...
30 za(?) . . -ni mu-un-n a-a b-bi
    . . . 1111-411-n a- . . .
```

A reed of lamentation is my heart, a reed of lamentation in the desert it shall be.
The holy one of heaven, the mistress of E-anna, am $I$;
Who destroys the mountains, the mistress of E-anna, am I.
${ }^{114}$ edin-n a added in SHPD.
${ }^{115}$ Radau reads ki-e-n e (SHPD p. 61) but the copy shows that the sign read e is somewhat injured; it is more probably also to be read gan.
${ }^{116}$ So, from copy, perhaps also in $S H P D$, though Radau reads ki-tuš (ibid., p. 62).
${ }^{117}$ This clearly shows that $d u$ in the text in $S H P D$ is to be read $m$ è $n$.
${ }^{118}$ SHPD reads k i-mušen-mu instead of sa-mu-me.
${ }^{115} S H P D$ reads šúg i š-šu b-b a-n $i$; also $n a-m u-u n-g i$ instead of $n a-m u-g i$ at the end of this line.
${ }^{120}$ This and the following lines are lost on the text in SHPD.

5 My heart, a reed of lamentation in the desert it shall be.
In the waste place I will be, the place of Tammuz.
In aralu, the shining hill, in my heart is lamentation.
In the waste place,
The place of Tammuz;
10 . . . . the lamb, good is the lamentation in my heart;
In the place of begetting(?) made good by the command of the kid;
In that place is its god, not a man.
In the house is the mother appointed by me to announce the decrees.
My heart, a lamentation in the desert shall be.
15 From his hand its fetter shall be removed;
From his foot its fetter shall be removed.
In the desert approach; in the desert approach.
The mother of begetting, in the desert has been destroyed.
. . . . . . . in the desert lives;
20 . . . . . . . in the desert lives.
. . . the desert . . . . bridegroom.
The mother of begetting, in the desert has been destroyed.
On her dead bull lifts her eye;
Before her, before me the mother leads(?).
25 The mother of begetting in the desert has been destroyed.
Thy bridegroom(?)
. . . . . . . . . approaches.
. . . . feet
The mother of begetting, in the desert . . . . .
30 his . . . . . speaks.

Nos. 27 and 28. Two Building Inscriptions of Esarhaddck.
No. 27 is a duplicate of No. 2147 in the Yale Collection, and published oy Clay in MI, No. 41. For the translation see ibid., p. 58. It is to be noted that the Yale cylinder is written in the Assyrian script, while this one is written in Neo-babylonian.

No. 28 is a duplicate, with some variations, of the one in the British Museum (81-6-7, 209) and published by Meissner-Rost in BA III, pp. 260 ff . For the translation see ithid. It might he added that another duplicate is in the Harvard Semitic Museum.

The variants to be especially noted in No． 28 are＇：
a．Line 20 has $i r-s ̌ u ́-u ́ u$ sa－li－mu，while BA III，p．351，l．18，reads sa－li－mu ir－ェí－и．
b．Line 30，Meissner－Rost（BA III，p．262，1．29），reads šú－qu－ru－tim šarru－ u－tu．From the autographed text（ibid．，p．353）the sign tim seems to be greatly injured and this reading very doubtful．Professor Clay has reëxamined the Nies cylinder and concludes the sign is not tim but $\mathrm{K}_{\mathrm{K}}$ or 以 which perhaps is meant for zêr．The reading in our text then seems to be šú－qu－ru zêr（？）šarru－u－tu，＂the precious seed of the kingdom．＂
c．In 1． 32 we have $i$－nu－šu，while the text in BA III，p．353，1．30，reads $i$－nu－ma．The meaning，however，remains the same．

## No．29．Building Inscription of Nabonidus．

Only parts of Col．II and III of this burnt clay cylinder are preserved． It is a duplicate of No．85－4－30， 2 in the British Museum which was published by Bezold in PSBA 1889 （Jan．），Pl．III－V；see also Langdon NKI，p． 234 ff． One or two variants，however，should be noted：
a．There is a slight difference in the column division；Col．III of this text begins with 1． 5 of Col．III of the British Museum text．
b．The restoration in Col．III：1［š̌́u（？）］－a－tim（NKI，p．240）is not correct as shown by Col．II： 17 which has ri－eš－ta－a－tim．
c．The restoration šarru la－bi－ri in Col．III：2（NKI，p．240）is correct as proved by Col．II： 18.
d．From Col．II：2 the restoration after šúi－bat seems to be sa ri－eš（？）－ta－ tim；but this is not clear．

## No．30．Seal of Itur－Ilu．

This tablet of unbaked clay is undated，but that it belongs to the time of the Ur dynasty is shown both by the forms of the signs and by a seal on an unpublished tablet，from Jokha，in the Nies Collection．The inscription on the obverse of the tablet reads：
ašgešxlimmu＋nimingargur
gìn－uš－me
ki gìn－uš－me
ud u＋ilimmukam

1 gur $280 q a$ of bread the money changers； place of the money changers； $19^{\text {th }}$ day．

The reverse is taken up entirely by the seal impression. The scene depicted is that of a seated goddess receiving a worshipper conducted by a goddess. The worshipper, however, is omitted through space limitation. Between the deities is the inscription of the seal, which reads:

| I-tur-ilu | I-zur-ilu | Iturilu | Izurilu |
| :--- | :--- | :--- | :--- |
| pa-te-si | dub-sar | patesi of | the scribe, |
| Ká-dingiri | dumu-ni | Babylon; | his son. |

The inscription of the seal on the unpublished tablet above referred to reads:

| d ${ }^{\text {d }}$ n-g i | Ab-ba dub-sar | Dungi, | Abba, the |
| :---: | :---: | :---: | :---: |
| nita esig-ga | dumul-tur-ilu | the mighty hero, | son of Itur-ilu |
| lugal. | pa-te-si | king of | patesi of Babylon |
|  | Kádi[ngi $\mathrm{r}^{\text {ri }}$ ] |  |  |

The date of this tablet is the $53^{\text {rd }}$ year of Dungi (mu en dNannar máše-ni-pád). If this Itur-ilu represents the same individual as the one in the seal of No. 30 it proves that a Semitic viceroy ruled at Babylon during the reign of Dungi.

No. 31. Inscription Referring to the Renewal of a Festival.
This inscription, written on an exceptionally small baked clay cylinder, is dated in the 5th year of Nabonassar (747-734 B. C.) the last great king of Babylon before the Assyrian domination. A number of documents dated in his reign are published in BRM I, Nos. 4-21. The inscription is new, and of importance and interest for the epithets it gives of the deity to which it is addressed, namely Uşur-amatsu, a by-name for the goddess Nanâ of Erech; but more especially for the reference to the genealogy of this deity-the first born of Adad.' It petitions favor and long life for the two individuals who pledged their help to renew an ancient festival, perhaps of this deity, long forgotten.

While this manuscript was in preparation a duplicate cylinder was procured for the Yale Collection, which fortunately restores an important part lost in the Nies cylinder. The parts of the transliteration in brackets are from the Yale cylinder, and are published at this time through the courtesy of Professor Clay.

TRANSLITERATION.

pa-ri-sa-at purussu [šame(-e) ù ir-și-ti bu-uk-ri] dAdad
na-ar-mat dMarduk ša [la mimma(?) ni-nu-ú ki-bi]-is-su
a-li-ti ša ul-fu $\bar{u}-m u$ [ru-qu-tulu-la-rioi] It-lik-ma


u-ṣu-ra-tu-šu im-ma-ša-a-ma iš-nu-ú [ar]-ši-'

a-na e-piš šip-ru šú-a-ti ù ud-diš a-ki-ti u-su-šu(-nu iš-kun-nu-ma)

a-na e-piš šip-ru šú-a-ti ̀̀ ud-diš a-ki-ti u-su-šu-mu iš-kun-mu-ma
al-la ù dup-šik-ki ina gi-mir līb-bi-šu-nu in-na-šu-ma
maš-tak la-li-e el-lu-tu a-na ${ }^{\text {d }}$ Iš-tar u-še-pi-iš
ina šat-tì dUsur-a-mat-su bêlit sicir-ti a-na a-lit-ti bît-ša-nunu pl. e-ri-bi-ša
15 ù ina šú-bat ilu-ti-ša rabu-ti ša-qi-iš i-na a-ša-bi-ša
elî ${ }^{m d}$ Bêl-ib-ni ù ${ }^{m d} N a b \hat{1}-z e ̂ r-u s ̌ a b s ̌ i(-s ̌ i) ~ b u-n i-s ̌ a ~ n a m-r u-t u ~ k i-n i s ̌ ~ l i t-r u-b u-~$ su-ma
li-ir-ri-ki ū-mi-šu-nu a-na arki ū-mi-šu-nu balâṭ nap-ša-ti-šu-nu
ša-la-ma zêr-šu-nu la ba-še-e u ina pir'u-šu-nu a-ki-ti eš-šeš u-še-piš
šattu $5^{k a n}{ }^{m d} N a b \hat{u}-n a ̂ s ̣ i r(-i r)$ šàr Bâbiliki



mâr ${ }^{n}$ S̆âdu-na-a
amitlicel A
${ }^{\text {a }}$ Immina Uruh ${ }^{k i}$
25 ú-ša-bal-kit.

## TRANSLATION.

To Usur-amatsu (the lofty lady, who by the law(?) of the land)
determines the decrees (of heaven and earth; the first born) of Adad;
the beloved of Marduk; whose (word nothing(?) changes).
The festival which from (an ancient day had become old);
5 whose name had been forgotten; (whose sarahu had settled(?));
whose wall had disintegrated; and the cisterns (whose foundations)
(and) whose lines had been forgotten, the (wise(?)) repaired.
The king, qipu, prince and
for the doing of this work and the renewing of the festival, pledged their help.

10 Afterwards Bol-ihni aud Nahi-zir-mshahshi, soms of Bullulat
for the doing of this work and the renewing of the festival, pledged their help.
The chain and badge of servitude they bore with their whole heart; and a bright splendid abode for Ishtar I built.
When Uṣur-amatsu, the lofty lady, enters for the festival of the fish-house,
15 in the dwelling of her great deity, loftily in her presence,
may her joyful face truly enter upon Bêl-ibni and Nabû-zêr-ushabshi; and may they have length of days, long life,
their family to be (lit. which is not) prosperous; and together with their progeny the festival I again renewed.
The $5^{\text {th }}$ year of Nabû-nâșir, king of Babylon.
20 In the presence of Nabû-mukîn-zêr, son of Nabû-abkal-ilâni, (the šalckanakkiu of $U G+U T^{k i}$ )
The GIŠ, Nabû-nâ'id, son of Šâdunâ the priest of Innina of Erech, 25 destroyed.

## No. 33. Dedicatory Inscription.

The inscription on this fragment, about half of a burnt clay cylinder, seems to record a grant of land to the goddess Ishtar. It gives the extent and boundaries of this piece of land and the sacrifices established because of it.

## TRANSLITERATION.

A-na
mu-sul-lim sal-luki-liut
${ }^{\text {d }}$ A-num abu ilânimes abê ina lut-um-mi mi . . . . .
ana ${ }^{d}$ Iš-tar bêltu šur-bu-tu a-li-kat i-di-iá mu-šal-li-mat șab ir ni-. .
5 ri-'-a-ti nišềmes -iá sa-ki-pat la ma-gi-ri-'-ia
ul-tu ${ }^{\text {al }} A$-at-ti ša kišad nâr Sipparu ${ }^{k i}$
a-di-i ${ }^{a l}$ Man-gi-is-si tihu ugaru Dur-ilu-ki na-ram ${ }^{d}$ Ellil
ultu "hl Bilit-i-1. . . . . a(?) dic?) mi-si-ru (ii-ir-riti
60 ša-a-ru zêru 100 sar aš 60 ammatu šú-uh-tú [ana] dnnina bêlti-iá ad-din
103 gur kurmattan 3 kurunnu 122 mi-ir-si 31 qa suluppu NI-TUK-KI


. . . .-na-lathe sit-bat . . . . ana dunina billi-in ad[-din |
. . . . . . . . . . . . . . . . . . . kia inh ki

15 ú-šad-ba(bu?)

TRANSLATION.
To
who guards the sacrifice
Anum the father of the gods; the fathers in the sanctuary
To Ishtar, the majestic lady, who comes to my help, who preserves . . . ;
5 who rules my people, who overthrows my disobedient ones.
From the city Atti, which is on the bank of the Sippar canal, unto the city Mangisi bordering on the meadows of Dur-ilu-ki, the beloved of Ellil;
from the city ${ }^{d}$ Bêlit- $\hat{E}-A N$..... unto(?) the boundary of Girriki
60 sar of a seed-field; 100 sar of ash; 60 cubits of šûhुtu (to) Ishtar, my mistress, I gave.
103 gur of food, 3 (jugs) of wine, 122 mi-ir-si, $31 q a$ of NI-TUK-KI dates,
12 (?) qa of oil, daily portion(?), (and) 3 sheep, as its sacrifice they established forever.
Above and below they determined the boundary. I preserved the frontier in the cities . .
. . . . . dwelling $\qquad$ to Ishtar my mistress I gave.

## No. 36. Table of Babylonian Weights.

An hexagonal cylinder, pierced by a hole, 1 cm . in diameter, from top to bottom, indicating that it was probably mounted on a spindle so as to be easily revolved and convenient for use as a reference standard. The first lines are lost, but the table apparently begins with the fraction of a še and continues through the shekel, mine and talent giving the corresponding values for each one or fraction thereof. The script is that of the time of the first dynasty. Similar tables, more or less fragmentary, have been previously published: see Scheil, Une Saison de fouilles à Sippar, pp. 49 ff., and 52 ff .; also Hilprecht, BE XX, Nos. 31-34.

## No. 37. Fragment of a Syllabary.

This fragment, written in the Neo-babylonian script, belongs to the so-called second class of syllabaries, $i . e$. , those which contain three columns, the first giving the Sumerian value, the second the sign or group of signs that is to be explained, the third the Semitic meaning. This classification is evident from lines 12 and 13, where occur the meanings šar-ku and a-da-ma-tum. Only Col. III, giving the meaning, and part of the group of signs that is to be explained (Col. II) are preserved in either line. In $S^{b}: 224$ we have bat-tu= šar-ku, and in $S^{b}: 225 \overline{\mathrm{u}} g-\mathrm{mi}=a$-da-ma-tu, which unquestionably is also what we have here in 11. 12-13 and makes the above identification certain.

In a number of cases this fragment gives more than one meaning for the same group of signs, e. g., 11. 3, 4, 6-10, 20. A few of these are synonymous: 1. 6 šub-tum and mu-ša-bu; 1. 7 nap-ta-nu and ma-ka-lu-ú ; 1. 20 a-tab-bu and $i$-ku. This is analogous to CT XII, 92691.


## No. 38. Pentagonal Prism of Personal Names.

The names on this prism all hewin with the element ar, so common in the names of the Ur Dynasty. This element is combined chiefly with the names of gods, temples and perhaps their substitutes. No special order is apparent, as those names compounded with the names of gods are scattered through the whole list. The names are those common to the Ur Dynasty, but the script is that of the First Dynasty, indicating that we may have here a register of names of the Ur Period kept on file for reference purposes in the later dynasty.

## Nos. 39-67. Exercise Tablets.

This group, commonly called exercise tablets, is of interest for the study of the personal names which they offer. Those published here are round, with the obverse perfectly flat, while the reverse is convex; all are unbaked. Most of them are beautifully written and may have been standard or model copies used in the temple schools. ${ }^{121}$ The names are all Sumerian and the texts may, for paleographic reasons, be assigned to the time of the Ur Dynasty. They are written in three and four lines; those having four lines, Nos. 51, 55, 59 and 62 , have the first and third, and second and fourth lines the same, showing the work of both teacher and pupil. In those with three lines a different name is given in each line. Where the reverse is inscribed it contains a repetition of the obverse, with the exception of No. 41 which gives an entirely different group.

By a study and comparison of Nos. 41 Rev., and $39 ; 46,47$ and 48, it would seem that these belong to a syllabary, as they show a continuation of the same elements, e. g., A-a on No. 41 Rev. is continued on No. 39 A-a, A-a-a, A-a-mu; so fli on $46: 3$ is continued on No. 47 with other elements added, and on No. 48 with $\bar{S}$ Ú or Gimil prefixed. Nos. $43,44,45,46$, begin with the same element, níg; while Nos. 40 and 41 agin with gím.

Plate LXViit. Copper Legs and Horns of a Babylontan Divan.
These objects were found at Warka. They were used for thrones, divans, and chairs in Babylonia. ${ }^{122}$ Divans with similar legs, but of ivory, have occurred

[^7]in Egyptian first dynasty tombs. ${ }^{123}$ They may be seen in old Persian pictures and other oriental manuscripts. LgrTemps No. 303 mentions a giš-ná dubbin-gud a-am zabar gar-ra, 'a divan (or bed) standing on ox legs made of bronze.' No doubt this describes a couch of the same kind as those found in Egypt, and corresponds to one variety of the gišgu-za so frequently mentioned in the inventories of the Ur dynasty.

A filing on one of these dubbin shows that it consists of copper and not bronze. The horns, if we may judge from Egyptian examples, were placed on the two front corners of the couch for ornamental or ceremonial reasons. It will be noticed that these six objects are not perfectly matched, a result to be ascribed either to crude early work or to their belonging to different sets, other members of which have not been found.

Professor Clay thinks it possible that they formed the legs and horns of animal figures whose heads and bodies consisted of wood overlaid with copper. In that case, the horns belonged to a ram, and at least two of the legs to an ox, the wooden heads and bodies of which naturally would have disappeared through age.

Plate LXIX. The Mother Godness. ${ }^{124}$
a. This archaic bone figurine belongs to a period perhaps prior to the first dynasty. It is the naked goddess who appears in different eras as the spouse of Enlil, Marduk, etc.
b. This figurine was made from a mold that is in the collection; it was found at Erech. It belonged to the late period, as is shown by the Greek Aphrodite type. Both this object and the preceding are to be compared with the gold ear-ring $d$. The cross hatchings of the head piece on the bone correspond to the cap in SCW A, Fig. 428; and both this and the roll of hair on each side of the head are seen in the ear-ring $d$.

## Plate LXX. Assyrian Vase with Relief.

The provenance of this vase is said to be Shergât, where the Germans were excavating until the middle of 1913. The relief represents a bearded god seated on his throne wearing a two-horned crown, and robed in a fluted vestment which encircles him from shoulders to feet. His left forearm rests on the raised side of the throne and the hand grasps some object. The right arm is bent upward at the elbow and extended forward, while the hand is
${ }^{123}$ Metropolitan Museum No. 06. 1162. 1-2.
${ }^{124}$ See JstrRel Vol. 1, pp. 115-117; and SCWA, pp. 161-162.
opened wide and tumed inwam. On the palm of the god's open hand rest the fore and middle fingers of the royal candidate's right hand. He is in a standing posture, wears the feathered crown, affected by the Assyrian kings in the eighth and ninth centuries B. C., a wide necklace, and a flowing robe caught up and held in the middle by his left hand.

While the relief on this vase is somewhat rude the faces and figures of the god and king are strongly drawn. A comparison may be made between the king as he appears on the vase and the photo of Tiglathpileser I (see
 Plastik, p. 97).

The scene depicted is probably the ceremony enacted when the Assyrian king received his authority, as ruler over Babylonia, from the god Marduk. This function is referred to by the historiographers of Esarhaddon. ${ }^{125}$ It was performed at Babylon. There is a record that Tukulti-Ninib about 1290 B. C. took the hands of Marduk, ${ }^{126}$ and in 729 B. C., Tiglathpileser performed the great ceremony of taking the hands of Bêl or Marduk. ${ }^{127}$

Plates LXXI-LXXII. Amulets, Exvotives, etc.
Seventeen of the objects on these plates are amulets, with or without inscriptions. The purpose of an amulet is to ward off or drive away misfortune and particularly bad spirits whom primitive man looked upon as the sources of human woes such as disease, storm, etc. They were worn on necks, wrists and ankles and hung over doors and about the house, just as some use horseshoes in these days. The purpose of PI. LXXI $a, b$ and $e$ is plain, they are incantations. The lion ( $\mathrm{Pl} . \mathrm{LXXI}$ i) represents the god of pestilence, Nergal. Pl. LXXII $b$, a bird with a bull's head, may be intended for $Z U$ a storm god, or the south wind, greatly dreaded in Babylonia. Pl. LXXII d-l are leopards, and may have had reference to the leopard with which Gilgamesh fought, possibly they were intended to protect against wild beasts. Pl. LXXII $c, n$ and o may have been fertility charms; and Pl. LXXI $c, h$ and Pl. LXXII $m$ were votive offerings. All these objects as well as the heads on PI. LXXI afford interesting studies in Babylonian art.

Plate LXXI h. Marble Ram's Head. This may have been part of a votive. Its workmanship is noteworthy. Its flattened, lengthened form looks as if it

[^8]represented a diminutive battering ram, and that it was used symbolically as the head of a sceptre.

Plate LXXII $a$. Objects in Polished Shell. These two curious objects in shell which were found at Warka may have been used by scribes to hold small quadrangular pieces of reed, and used as a stylus, corresponding to our pens. They may, however, have been ornaments, amulets, or even sorcerers' pipes for magical ceremonies as they are bored through from end to end.

Plate LXXII c. Pregnant Ewe. This apparently is an amulet. The animal, whose body is distended, is in a recumbent position. The reverse shows three oblong cavities of different sizes, each larger than the other. They probably represent unborn lambs. It has been suggested that this is a seal; but such a seal would be meaningless. It was probably used to suspend from the neck of an animal or woman to bring about conception.

Plate LXXII d-l. Small Animal Figures in Shell. These animal figures fashioned out of the cores of conch shells, represent some spotted variety of the feline species such as a leopard in a crouching attitude. The spots may have been filled with mother of pearl or some colored pigment. The heads are alert and each animal has a short tail, one seemingly a fish-tail ( $f$ ). As each has a pair of holes for a suspension cord, they were either ornaments to be attached to eloth, or they are amulets; but what they represent in other respects it is difficult to say. They may have played some rôle in the sorcerer's magic art.

Plate LXXII $m$. Ram in Black Serpentine. This is a well executed piece of sculpture, and may have been a votive offering which had been dedicated to some deity of fertility.

Plate LXXII $n$. Ram of Marble, pierced for suspension. This is probably an amulet. It may, however, have been a weight. It is too large to have served as an ornament.

Plate LXXII o. Frog Amulet. It is not impossible that this object, like the marble ram $(n)$, was used as a weight; although the holes for the cord show it was to be suspended perhaps as a charm against sickness. This and similar objects could hardly have been toys.

## Plate LXXiII. Babilonian Weigitts.

Descriptions of the weights on this plate will be found under catalogue Nos. $18,19,20,21$ and on page xiv.

## Plates IXXXIV-LXXVI. Seal Cylinders.

The fifteen, or if we reckon the last as such, sixteen seals, on Plates LXXIVLXXVI belong to different periods; but it seems that none is later than about 1500 B. C. The two lapis lazuli cylinders (Pl. LXXIV e, Pl. LXXV b) belong to a very early period; so also, in all probability, do Pl. LXXIV $g$, Pl. LXXV $a$ and $c$, and Pl. LXXVI $a, b, d$ and $e$. Pl. LXXIV $c$ is uncertain and may be Cypriote. The remainder belong to the period between 1500 and 2500 B. C., except Pl. LXXV d, the date of which is about 2800 B . C. As for the large marble cylinder ( Pl . LXXVI e) we should remember that some of the examples of this class are pierced, while others are only partially so. It is possible that the lug of Pl. LXXVI $e$ and of the Berlin specimen may have been made because this offered less difficulty than to bore it. Most of the designs on these three plates contain something new for the student of Babylonian seals.

Plate LXXIV a. The style of turban worn by the god in this hematite cylinder is most frequently met with on seals of the latter half of the third millennium, to which this specimen probably belongs. Shamash seated on a cushioned throne, with triple drapings, holds a vase before him between his upturned fingers. Above this is seen the emblem of the sun god, the encircled cross resting in a crescent. Before him stands the Sumerian owner of the seal, after whom follows a goddess, probably Aa, in the petitioning attitude. The inscription reads: ${ }^{d}$ Shamash ${ }^{d} A a$.

Plate LXXIV b. Kassite cylinder of smoky quartz. The god Ramman standing holding his weapon, the forked lightning, in his right hand; his right foot on an animal, probably the bull, is the only figure that appears. The inscription reads: ${ }^{d} A d a d$ dumu Anna ama-gal an ki Sa(?)-ar-ilu uru-zu he-til. "May Adad the son of Anu the great bull of heaven and earth grant Sar-ilu his servant life."

Plate LXXIV c. This remarkable cylinder of black serpentine bears no resemblance to the seals of Babylonia. It was bought in Jaffa in 1903, but its provenance is not known. There is no inscription on it to guide us. The thrones are of unusual form and decoration. The three seated figures, each bearing an emblem, and overshadowed by a flying bird, perhaps an eagle, are gods. They differ in size, do not appear to wear a head-dress, and are vested in a plain flowing garment. Besides his emblem, a spear, usually connected with Marduk, stands before the first and largest figure. He holds in his outstretched hand what may be a mace or a vase. The second figure holds an
arrow; and the third perhaps a flower-pot, with a sacred plant growing in it. This cylinder seems to be archaic. The form of the bird may be compared to the bird on the back of the ibex in cylinder $b$ Plate LXXV. It may have come from Cyprus. See Figs. on p. 348 Ward, Seal Cylinders of Western Asia.

Plate LXXIV d. Cylinder of steatite. A seated bearded god, wearing a turban-crown and fluted robe, holds before him in his right hand a dish; before him stands a goddess with hands before her face in an attitude of worship. A monkey is mounting upon the lap of the god, and behind the back and head of the goddess is a small naked goddess, below whom is a scorpion.

Plate LXXIV e. Archaic lapis lazuli cylinder with double register. Above are Gilgamesh and Enkidu battling with wild beasts; below, between a god on the right and a goddess on the left, each seated on a throne with arm extended to elbow and forearm perpendicular before face, is an altar on which is fixed the "crutch" flanked by four dots on each side. Before the god is also a serpent and behind his head is a six-pointed star. At the back of the god, wearing a peaked cap of soft material bent forward at the top, and facing a tree that intervenes between him and the back of the goddess, is the owner of the seal. Like the deities he wears only a short feather skirt from the waist to the knees. The hands are folded across the naked chest, and the figure reminds one strongly of the plaque of Ur-Nina (Déc. Pl. 2 ${ }^{\text {bis }}$ No. 2) king of Lagash 3000 B. C. All the heads of the animals, men and deities, except that of this figure, are bird-shaped. The goddess is distinguished from the god by the upturned braid of hair behind her head.

Plate LXXIV $f$. This cylinder of red felsite belongs to the first dynasty or later. See Ward, Seal Cylinders of Western Asia, p. 158. On the right is Ishtar with caduceus in her right hand and a serpent scimiter in her left. From each shoulder extends a sheaf of clubs while her right leg is thrown forward beyond her robe and her foot rests on a conventionalized lion. A helmeted, bearded warrior, perhaps the god Amurru, carrying a club, stands before her, introduced by the goddess Aa behind whom is the naked goddess Zirbanit. What purpose the latter serves on this and other seals of the kind (Ward SCW A, p. 161) is not clear.

Plate LXXIV $g$. This felsite cylinder is rudely wrought with the wheel, and only partly pierced. We have here depicted a gateway or shrine, on the right of which are four ibexes and on the left two; the three upper ones are recumbent and the lower ones are standing. Authorities differ as to the age of this class of cylinders; some consider them the most ancient, others, like

Ward who calls them "inigmatical," as being not earlier than 1000 B. C. He supposes they come from some backward people to the northeast of Mesopotamia. However, so far as we know, they are found among the ruins of cities of southern Babylonia; so that their rudeness would seem to indicate great antiquity. See note on $b$ Plate LXXVI, and Ward Cylinders and other Ancient Seals in the Morgan Library, p. 67, No. 128, and Pl. XVIII.

Plate LXXV a. This cylinder of white flint belongs to the same class as the preceding; and is chiefly wrought with the drill. A procession of four antelopes is pictured. Over the second, third and fourth are four-pointed stars, the symbol of the sun-god, which may mean that these animals were sacred to the sun.

Plate LXXV b. This superb archaic lapis lazuli cylinder contains a profile view of Gilgamesh crowned with feathers but otherwise nude. With his left arm he is fighting an ibex which is at the same time attacked by a bird of prey, and with his right a makhor(?) or wild goat that is attacked by a leopard. To the left of this Enkidn, wearing a cap and flowing hair down his back, but with animal ears and a long, rather bushy tail, attacks a stag in which he is assisted by a lion. Behind the lion's tail is an object that looks like a boomerang. With the exception of the lion and the leopard the figures all display the bird-like heads characteristic of the most archaic cylinders.

Plate LXXV c. This archaic cylinder of yellow felsite was bought in Bagdad, December, 1904. A seated bird-headed, nude deity holds a vase in his right hand. Between him and the worshipper is a boomerang which may indicate that the god is Adad. The petitioner appears to be clothed in a loin cloth, as does also the other human figure leading an ibex into a flock of four goats. An upright object before the first goat may be a post; the ibex seems to be standing in a boat. This may be significant, as Ea, the water-god, is called an ibex.

Plate LXXV d. This archaic felsite cylinder of the Lugalanda period depiets crossed lions attacking ibexes with (rilgamesh and Enkidu attacking them from each side. In the field between and below the lions there is apparently a crocodile or lizard. The cylinder is much eroded but the figure of Enkidu must have stood on the right between the leopard and the ibex.

Plate LXXVI $a$. On this cylinder of polished black serpentine, Gilgamesh on the left is battling with the divine man-faced bull; the same subject is repeated; then Enkidn is depricted fighting a rampant lion. Gilgamesh is nude, and wears a peakless cap. The human heads of the bull and Enkidu show
bristling hair on top. All the human heads are en face and wear long beards. Ward (SCW A, Chap. X) draws attention to the fact that in this class of early cylinders Enkidu never battles with a bull. It is always Gilgamesh who does this.

Plate LXXVI b. Archaic red felsite cylinder bought in Bagdad, December, 1904. A row of four ibexes or antelopes are seen walking single file. Above them the sign gán or kár is inscribed three times. This sign has the meaning nîtu ša lamê, 'an enclosure which surrounds' (OBW 119 ${ }_{14}$ ). It may have the same meaning as the gates on the large cylinders $g$ Pl. LXXIV and d Pl. LXXVI. Cf. Ward, SCW A Fig. 396 where the gate evidently belongs to an enclosure. Such enclosures may contain goats, cattle, ibex, deer, stags, etc. See Ward, SCW A Fig. 489, 498, etc. It must be remembered that the purpose of a seal was to identify the owner. The owners of these so-called "shrine" cylinders may have owned or supervised pastures and enclosures of various classes of animals, of which the gate and a few animals would be the natural indication. Still, when we remember that the ibex, roaming to-day among the high peaks of the Himalayas, is held sacred and reverenced by the Buddhists of Ladak and Thibet, we may well ask whether these animals had not a religious significance on early cylinders that retained, for the Sumerians, a remembrance of their original mountain habitat and worship.

Plate LXXVI c. On this sacrificial cylinder of hematite, which is without an inscription, Shamash as the rising sun, having his foot on a mountain top, accepts a goat brought by a worshipper who holds it on his arm while the god takes hold of its leading string. The goddess who intercedes is Aa. This seal belongs to the last third of the third millennium B. C. The engraver has done his work very skillfully and artistically, as will be seen under a magnifying glass. Note the modeling of the face of Aa.

Plate LXXVI d. This large archaic cylinder of white marble, rudely wrought, belongs to the same class as $g$ Pl. LXXIV. It contains a gate implying an enclosure in which are three ibexes, one on the right and two on the left. The lower of those on the left is eating the fruit of a tree, while from the horn of the one on the right a fruit appears to hang. What looks like a sign 呆 appears above the tree.

Plate LXXVI e. Archaic marble seal cylinder from Warka. This cylinder is similar to a smaller one in the Berlin Museum (No. 1742), which is called a weight in the catalogue of casts offered by that Museum. It is in perfect condition except where a piece, which was broken off, has partly destroyed one
of the figures. 'The eylinder, as may be seen from the bird-like load of the god or magician as well as from its size and material, belongs to the most archaic class of Babylonian antiquities. Like this whole class of seals it bears no inscription. It was arranged to be suspended, not as a seal cylinder by a hole bored through the center, but by a pierced lug like an amulet. It depicts a herd of cattle, large and small, male and female, facing a magician or a god, and his assistant, who are waving branches before it. They seem to be engaged in an incantation for fertilizing the herd by waving these branches, thus imitating with sympathetic magic the well-known method used in Babylonia for fertilizing the female date palms by waving the flowers of the male palms in groves of female date trees. Such a design could no doubt have been the seal of a cattle owner; but it is also possible that it was a fetish, part and parcel of a sorcerer's paraphernalia, from which impressions could be made on clay tablets to be hung by a string on the necks of cattle at breeding time to make them fertile. Such fetishes are used to-day for this purpose by the Aymara Indians in Bolivia.

The garment of the sorcerer should be compared with that of the principal of the four figures on the Blau monument. ${ }^{128}$ It is the same.

## Chronological Data.

The economic texts belonging to the time of the First Dynasty offer a few date formulae which are to be especially noted because new or variant.
a. mu dRi-im-Sin lugal Uríkima ênam(?)-kúr-ra-gè ki-edinšù ne-in-gar-ra. No. 73.
b. mu bád Ha-pu-uz(?)-a(? $)^{\text {ki }}$. No. 74.
c. mu amatar-da en-gí(?) en. . pa níg ki níg゙ーncerne. No. 77 .
d. mu ugnim Unugki(?) lugalbi pád-da... gistukul ba-an-sìg. No. 83.
f. mu siddab-ba Ma-na-na-a Year Manana made the double road. mu-uñ-dìm. No. 86.
${ }^{12 s}$ Figured in King, History of Sumer and Akkad, opposite p. 62.
f．mu uš－sa K LT－me dUtu．No．Year after ．．．．Shamash 87.

9．muenkáásbar an－ki．No 99．Year．．．．．
Formula a belongs to the reign of Rîm－Sin，and was known before in a shorter form．See Grice Chron，p．40．$d$ also probably is to be assigned to the reign of Rîm－Sin；cf．ibid．，p．29．e is a new date for the reign of Manana， king of Kish．$g$ is apparently a fuller form for the 5th year of Hammurabi； cf．CT VI，Pl．10，Col．III：5．b，$c$ and $f$ are not identified．

## NAME INDICES

Abbreviations: b., brother; d., daughter; f., father; gggf., great-great-grandfather; ggf., great-grandfather; gf., grandfather; gggs., great-great-grandson; ggs., great-grandson; gs., grandson; h., husband; L. E., left edge ; Lo. E., lower edge ; mas., master ; pl., plural ; PIN, place name ; PN, personal name; R. E., right edge; s., son; U. E., upper edge; w., wife.

Determinatives: amêt, awîl, homo; bâb, gate; $d$, deus, dea; $f$, femina; id, river; ki, place; mât, country; meš, plural ; nâr, canal; palgu, canal.

PERSONAL NAMES.

A-1, :9: 1, 4; 41: 6.
.t-a-a, 39:2, 5.
t-a-di, f. of Nabû-ušêzib, 132: 1, 5.
.1-a-mu, 39: 3, 6.
1.ba-du-um, 82: 12.

A-bi-e-š̌u-', lugal, $90: 12 ; 95: 4,9$.
A.bil-dAmurru, 104:7.

A-bil-dim, 42: 2.
A bul-itiońa.

1. mas. of Nin-šubur-šâr, 76:2.
2. warad dNin-. ., s. of Ziki-ilišu, 76: seal.
3. 76: 8.
A.bit-nam-me-a, 42:3.

A-bil-ne-sag, 42:1.
1-bil-dšamaš, 103: 20.
1-bu um wa-qur, Morchl ITM. \& , If IIn itimm, IT: scal.
$A b u(A D)-g a b-r a$, f. of $N a b \hat{u}-u s ̌ c z i b, 132: 56$.
Abu-mutakkil(AD-GI-DI), f. of Bullutu, 132: 54.
A-da-ia-tum, 77: 8.
A-da-si, šar mât Ašurki, f. of dBêl-bâni, 28: 30 .
A-di-mat-ilu, f. of . . ., 108: 15.
đAdad-bêl-ki-na-a-tú, f. of Sin-kubie, 112: 6.
dAdad-da-a-nu, f. of Nabê-rimanni, 116: 17.
It1-r, f. of Mat:mat: $\because:=3$.
. $1 / 1 \cdot \frac{1}{2}$ nu.

1. f. of Nab̂̀-iddin, 132: 40 .
2. f. of Nergal-ibni, 132: 39.

A-ha-am-nir-si, f. of Ibi-Nin-subur, 96: seal.
1 bleme: ine.

1. gf. of Šulâ.
2. f. of Bêl-ab̂êiddin, 134: 21.

A-b̧i-ia-a, šutug dInnana, 75: 35.
A-bi-ia-šû, s. of subîa-. .., 104: 18.
A-hi-wa-du-um, warad dIšum, s. of Ibgatum, 77: seal.
Ah-lu-mur, s. of Akkipi, f. of Zêrîa, 132:48. A-hu-ia-tum, s. of Ebašapâr, 98:4.

A-bu-ni, s. of Ibkuša, 102:3.
$A$-lu-sti-na, $96: 3$.
Thu iu I.Anu,

1. s. of Tanittum-An $\hat{u}$, gs. of Kidin-An $\hat{u}$, ggs. of $K u z \hat{u}, 135$ : 20.
2. 135: R. E.
$A-b u-u$-ba-nu, f. of Sin-zabadu, 113: 12.
1-hu-um,
3. h. of Mubaditum, 75: 3.
4. s. of Waqar-abušu, $75: 3$, seal.
5. 75 : $17,21,26$.

A-hu-um-wa-qar, 88: 5.


1. gf. of $A n \mathrm{Q}$-abu-usur.
2. gf. of $A n \hat{u}$-ab-iddannu.
3. gf. of An $\mathfrak{u}$-balâtsu-iqbi.
4. gf. of Nabũ-bêlšunu.
5. gf. of $N \hat{u}$ r.
6. gf. of Tanittum-Anu.
7. s. of Asibtum, $132: 30$.
$A k$ (?)-ki-pi, f. of Ab-lumur, 132: 48.
A-li-ellati(-ti), f. of Asu-niş-̌li, 86: 14.
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This shows that the name is to be read bani and not ibri．

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...dAnt, s. of . . . . . . ., 135: L. E.
$\ldots$...a-ru-um, 65: 2, 5.
...dBâni-ti, 131: 5.
..-di-dIštar, 70 : 1.
...-dEa, f. of . . . ., 134: 55.
..-e-riš, amêhnappabu-parzilli, 133: 45.
..-ku-nig-ga, 66: 1.
-ma(?)-nu-um, 65:1(१), 4.
...dMarduk, 115: 11.
$\therefore$-uи si, it, of súf( ('), in: 19 .
..-pi-ša-tili, f. of [Silli]-dNinkarrâg, 87 : seal.
...-usallim, s. of Rimananu, f. of Silim-Bèl, 131: 19.

## 

iA A, 4: 1.

.1111. - ~.4. 1 ,


1. dumu Anna, Plate LXXIV $b$.
2. Siow loinua - Lu ki-lam num -
"A ma-geštin, 3 II: 4.
dAmurru, 76: seal; 78: seal; 82: seal.

An-na, 12:2; 24:23, 25; 25:23, 25.

iA Anर̂, dA-num, dA-num-û-tu, dA-nu-ú-tu, 11:22; $28: 2$; $33: 3$; 136: 4.


lil , Kiatell - Nillatam--, líllill -

tom . Tilul . . . . allil i-.
dAsur, 28: 9, 11, 16.
See names with $d A s \check{u r}-$, and $\hat{e}$-.
dBabbar, dCtu, (see dšamaū), S7: 16.
3. In hin-., 1: 1i...
4. See $b \hat{a} b$-.
dBáni-tú, dBâni-ti,
5. In . . . $-, 131: 5$.
6. See Ardi-.
dBara, see Ur-.
dBa-ú, 75: 6.

$$
\text { See } \# \square a-l a-, U r-
$$

dBêt, 28: 16; 108: 4; 116:2.
See names with $d B \hat{l} l-$, and Ardi-, Ettir-, $M u$-še-zib-, Ni-din-tum-, Si-lim-.
"Be-7it, 22: 67.
dBe-lit ilâni, 22: 71, 90, 201.
dBe-lit ša Urukki, 108: 4, 8; 111: 4, 7, 10; 115: 2; 116 : $19 ; 125: 3 ; 130: 16$.
dBu-ne-ne, 29:50. See Riluat-.
dDajân, see names with dDajân-.
dDan-nu, see names with dDan-nu-.
dingir eburu s̆àg uru-lic, 73: 6.
dDumu-zi(d)-da, 26: 6, 9.
Dun, see Ur-.
dDun-x, 1: 194.
dEn-ki, dê-a, 1: 135, 1S6; 23: 9, 92, 106; 28:11; 22: 80, 82, passim.

1. šeš dEn-lûl, 16:9.
 mut—, . . .—, also $\hat{e}$-.
dEn-l̂̀l, dEn-ľl-lí, dEn-lit-li, 1:1, 23, 159, 211, passim; 22:89; 28:10, 11; 33:7; 84: 13; 91: 16 .
2. dumu 7ii-̀̀g Auna, 24:25; 25:25.
$\because$ In biti . 1: lï.
3. šcš dEn-Ri, 16:9.

dEnurta, see name with dEnurta-.
dEN-UT, $23: 3,20,35,36,38,45,53,58,63$.
dFin-zu, (see $d \operatorname{Sin}), 28: 11$.
See dAmar-n, dšú-.
Cial-dim-zu-ab, see $\hat{e}$-.
$\therefore$ frá-lúm-dúg-ga, see Ur-.
ifiu-la, 37: 7, 8 .
See Ardi-, K $d-s a ́ u$, Silli-.
¿̛̌ún, see Gim-.
icrustion, 10 II: 4.
$\therefore$ IIt $1-4 i, 36: 127$.
See Ur-.
I/u-já, 96 : seal.
See name with Ilu-šá-.
'IM, (see dAdad), 74:12; 77: seal; 79: seal; 85: 9; 88: seal.
ker lwil , 16 mi - I lıu-. S.lli-.
'Innana, dInnina, dInnina(-na), (see Is̆tar), 9:3; $28: 2 ; 33: 9,13 ; 34: 8 ; 75: 35,36$; $79: 17 ; 84: 9$.
4. See names with dInnana-, and dInnina-, al=u $\mid$ aं a -
5. In -Urukki, 27:16; 28:1; $31: 24 ; 35: 5$, 7; 134: 25, 29.
dIn-nin, dIn-nin-na, see names with $d I n$-nin-, and dIn-nin-na-, also Ardi-.
ITR-NI-NI, 28: 10.
dir-ra, ìr-ra, see Isme-, Nû-.
dI-šum, (dPA-SAG-GA), 22: 126; 23:127; 77: seal.
distar, dIš-tar, (see dInnana), 23:47; 27:13; 28:1, 12, passim; 31: 13; 33:4.
6. See names with dIstar-, and $d I \stackrel{y}{s}$-tar-, also $\mathrm{Ib}-\mathrm{ni}-, L i-b i-i t-, N a{ }^{\prime}$ 'id-, $N i$-di-in-, .-di-.
7. In -Urukki, 132: 4, 6, 27, 43.
dEa-di, 1: 10.
See Dân(?) -, Ur-.

Ku-bi, see Nû-.
dLama, (see dKal), 17: 1; 103: 22.
See Ur-.
dLama-lama, see Ur-.
dLibittu, 28: 35.
dLugal-erimki, see $\hat{e}$-.
dLugal-gìr(?)-ra, see ê-.
dMarduk, 22: 25, 184; 28:10, 11, 20; 31:3; 71: 2, $5 ; 77: 22 ; 88: 10 ; 93: 4 ; 95: 5 ; 96: 8$.

See names with dMartuk-, and Amêl-, Adi-, (fi mul-, Iddin-, Ili'-, Ittibulatu, Ki-liu-. Lu-a-ba-si-, Musiziz-, Nûr-
dNabû, dNa-bi-um, dNa-bu-um, 28:12; 108:4; 116: 2.
Neer Himmes with Noblif -, and dVo-bi-um-, also Amb-. Inil- Ibut-. I din-. Iddin--. ltti- belattu, 内ो ミil it.
 1:32: 1, 7. passtm.
Gee dames witl $d$ Not-nct $a-$, and $A m e ̂ l-$, limil-, Ha-‥l-, Ibiq-, I-rin-, Inal qibit-, Ina-silli-.
dNanna (r), 24:31; 25:31; 76:12; 101: 22.
See names with $d N a n n a(r)$-, and Gim-.
${ }^{d} N \in-g u ́ n$, see $I$-bi-.
dNergal, dNE-UNU-GAL, $28: 12 ; 75: 7 ; 80$ : seal. See names with dNergal-, and Iddina-, Şilli-.
dNidaba, 36: 126.
dNin-a-su, see Gím-, Ur-.
dNin-el-la, see $I$-din-.
dNin-e-ni-ga, 75: 8.
dNin-gír-su, 1:5, 22, passim.

1. In bâr-, 1:64.
2. In e-ki-sur-ra-, 1:79, 92, 127, 150, 202.
3. See $U r$-.
$d$ Nin-gis-zi(d)-da, see Gim-.
dNin-har-sag, 1: 136, 160; 10 II : 2; 22: 200. In bár-, 1:63.
dNin-ki-gal-la, 22: 130.
dNin-kar-ra[-ag], see Silli-.
dNiu-lâ-lá, 24: 27; 25: 27.
dNell morlhi, see (rimul-, $i r$ lia.
$d$ Nin-su, see $U r$-.
dNin-šubur, 96: seal.
4. AD-GE $, 9: 1$.
5. sukal An-na, 12: 1.
6. See names with $d$ Nin-šubur-, and I-bi-.
$d$ Nin-ti, see Gim-.
dNin-tú(r)-ri, 24:29; 25: 29.
dNin-urta, 14: 4, 5.
See names with $d N$ in-urta-.
dNin-. . ., 76: seal; 78: seal.
dNinâ, I: 67, 169, passim.
7. In e-ki-sur-ra-, 1:81, 129, 152, 204.
8. See Gim-, Ur-.
$N u-n u$, seo $\hbar \dot{\alpha}-\stackrel{\varepsilon}{a}$-.
dNun-gal, see Ur-.
dNusku, see bâbmah-ni-mit-ti-.
dPapsukal, see Iddin-.
dSin, Sin, (see dEn-zu), 69:4; 88:9.
See names with $d \operatorname{Sin}-$, and $A$ wil-, $I-b i--$,
Ib-ni-, I-ku-pi-, Itti-balatu, Itti-i-din-
nam, Na-bi-, Na-ra-am-, Ri-im-, Sum-ma
la-.
$d \check{s} a ̈-b a-a n$, see $I-b i-$.
dšamaš, (see dBabbar), 20:2; 22:96, 103, passim; $28: 11 ; 29: 14,26 ; 70: 5 ; 71: 5 ; 76: 12$; $78: 16 ; 85: 3,4,8,13$; Plate LXXIV $a$.
See names with dšamaš-, and A-bil-, Ardi-,
Itti-, Itti-balâtu, La-ba-ar-, Mâr-, Ni-din-tum-. Xu-u-. Ri-is-, umilsangi-, also $\stackrel{\rightharpoonup}{e}$ —.
dsara, 1: 6.
 Ib-ni-.
$d$ ši-mu-ut, see $K u-u \hbar i$-.
dTišlum, see names with dTishum-, and Warad-.
$T u$-tu, see names with $T u$-tu-.
$d$ Uraš, see names with dUraś, and Ib-ni-.
dUsur-a-mat-su, 31: 1, 14.
dZa-bá-bá, 79:17; 84: 10.
See names with dZa-bá-bá-, and $D a-m i-i q-$.
dZar-pa-ni-tum, 96:8.

## NAMES OF TEMPLES AND HOUSES.

An-ta-sur-ra, 1: 155.
bár dBabbar, 1: 65.
bár dEn-lil, 1: 62.
bár dNin-gir-su, 1:64.
bár dNin-bar-sag, 1:63.
bît-a-ki-tu, 133: 8.
b̂̂t-dul[-lu], 133: 16.
bit-bi-ri-c, in amstmu-, 13:3: 13.
bît-ilânimeš ša Urulkki, 136:3.
bît-il-ki-a-am, 68: 7, 9.
bît dNabû-abê̂meš-ušallim, 120:7.
bût-rabi(GAL)-tú, 89:6.
bitt-rê'u(?), in âlamêl-.
bit-ri-e-du-tu, 114: 7.
bit-sag-ša-amti, 136: 4.
bit-sab-tu-ma-ti, 68: 2, 4, 11, 13.
bît ša nunupl, 31: 14.
bît mZêr-lišir, 122: 8, 13.
$\hat{e}-d \boldsymbol{A}$-nu-ú-tu, 28:32.
ê-an-ла, 26:3, 4; 27:5, 9; 28:7, 18, 32; 108:6; $110: 4,9$; $111: 4 ; 114: 8,9$; 115: 4, 5; 116: 4; 130:19, 24, 26; 134:8, 10. passim.
See Ana-mutô, bâb-râbi-, Itti-. ., Ur-, -ibni.
êdAsur, 27:8; 28: 18 .

See Ur－．

ê－dur－an－na，29： 23.
c－dEn－ki，23：6， 104.
è－Eridaki 23： 55.
$\hat{e}$－gal，see $U r$－．
c－dGal－dim－zu－ab，1： 156.
$\hat{E}-G \mathcal{L} L \cdot H A L-A N-K L, 130: 2$.

i－dLugal－crìmki， 3 II： 1.
$\hat{c}-d$ Lugal－gir（？）－ra，135： 23.
$\therefore$ mah，ar 「umtarr－
e－nam－kit－ra－gè，73： 19.


$\hat{e}$－pa－pa－bi，27： 13.
î－sag－ila，ĉ－sag－il， $27: 8 ; 28: 18,21$.

（̂－ď̌amaš，68：3， 22.
$\hat{c}-z i(d)-d a$ ，in Nam－ri－．
lugal－仑े－пінии，8：4．
sàg－gi－pád－du，11：9．

## NAMES OF PLACES AND COUNTRIES．

11A－at－ti，33： 6.
Ak－ka－di－i，Akkadki，28：9，29， 30.
âlamêl－bît－rĉ＇u（？），118： 12.
Asurki，28：31．
mảtAšurki，mâtAšur，27：6，11；28：8，24，25， 28.
Bâbiliki（KA－DINGIR－KI），15：5；27：6，8，12； $28: 9,18$ ，passim；30：seal；31：19； $32: 3 ; 35: 2(8) ; 97: 3 ; 105: 5$ ；108：5， 19；passim．
ser liu－，súlum－，一 1 －u．
âl dBêlit－ê－AN－．．．， $33: 8$.
Dūr－iluki，28：22；33：7
Dür－Im－gur－dEn－ľ̄l，32： 3 ．
Eridaki，22：62，76，89，202； $23: 15,18,22,38,101$ ， 104,115 （ P ）．
In $\hat{e}-, 23: 55$.
Erimki，19：3．
Gi－ir－ri（？）ki，33： 8 ．
Gír－suki，1： 119.
Gu－edin，1： 44.
Hu（t－pu－us（？）－ša（？）ki，74： 16 ．
alHar－ru－ba－ti，109：2， 14.
alIa－a－da－qu，120： 6.
Ia－mu－ut－ba－lum，81： 15.

Ka－ás－bar－anki（PlN？），99：7．
Ka－sal－luki，92： 10.
Kar－Bâbiliki，105： 5.
Kiški，1：9；2： 12.
1ヶ Mir－．99：万．
àlKu－un－nu－umki，102：9．
Larsumki，112：9（？）；113：14；117：11；119：6， 15.
तिMan－gi－is－si，33： 7 ．
alNa－si－ba－a－ta，116： 19.
Nibruki， $23: 61,62,69$.
Ninni－es̄ki，in šid－，1： 118.
àlSa－ṭi－ru，108： 18.
šir－pur－laki，1：34，38，passim；8：3；12：6．
In edin－，1： 20.
mâtšú－me－ri，mâtÈme－kiu，Ama－ar－giki，27：6；28：9， 29；102： 13.
âlTLRmeš－ma－．．ni，69： 8.
ঠ̀－gig－grt（gấn），1：98．
Cmmaki，1：15，25，passim．
Uriki，6：2；11：7；17：6；73： 19.
Uuugki，Crukki，27：5，16；28：2，7；31：24；35：5， $7 ; 83: 16(?) ; 108: 4,8$ ；passim．
In amêl－，132：9．
$Z u($ ？）－uru－umki，2： 18.

## NAMES OF RIVERS，CANALS AND SACRED LAKES．

nâ－$A \mathcal{N}-B A-N I T, 131: 2$.
palguDù（？）－il－nu－ub－s̆á－am，77：5．
iiIIdigna，1：170；23： 111.
Im－dub－ba dNin－gír－su－ka，1：59， 131.
idLum－ma－gîr－nun－ta，1： 110.

Nam－nun－da－ki－gar－ra，1：61，88，133， 173.
id－nun，1：43， 171.
idPurattum，23：50， 111.
idSa－am－su－i－lu－na，82：14；93：11；94：13， 20.
nàrSipparki，33： 6.

## NAMES OF GATES．

bâbib－gal，7：2．
bâbKa－lak•lu，119： 7.
bâbmal3－ni－mit－ti－dNusku，3士： 6.
bâb mu－tir－ri－c－tú，133： 11.
bâb râbi（－i）ša E－anna，134：7．
bâbu za rabitu（tú），118： 4.
bäbtak－lak（？）．．．，34： 6.
bâb dUtu，7： 3 ．

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SUMERIAN HYMN (TEXT NO. 23)

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b
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a: SYLLABARY OF PERSONAL NAMES
b: TABLE OF BABYLONIAN WEIGHTS
c: FRAGMENT OF A SYLLABARY
d: SEAL OF ITUR-ILU,PATESI OF BABYLON



$\square$


## -



s-c: PHASES OF THE MOTHER GODDESS
d: GOLD EAR-RING REPRESENTING THE NUDE GODDESS




INCANTATION AMULETS AND OTHER OBJECTS




SEAL CYLINDERS WITH IMPRESSIONS



SEAL CYLINDERS WITH IMPRESSIONS

d


CIRCULATE AS MONOGRAPH

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[^0]:    ${ }^{1}$ The dimensions are given in centimeters, and refer to the largest measurements.

[^1]:    

[^2]:    ${ }^{5}$ Case 47. Professor Stephen Langdon has pointed out, in a private letter, that a better translation than that given in $J A O S 36, p .139$ for the expression $\mathrm{ku} \mathrm{gar-du}$ would be ku=ašlu, and gar-l $n=$ kulurry "houndary" $B 12069$. Ašu $=10$ gar or 120 cubits, cf. JA 1909, p. 86, note 3. Ašlu = cord, Meissner in BA III, p. 358; and BE XX, p. 35. Perhaps níg-gin (=nigin?) would be a better reading than gar-du when the meaning is houndary. A homelary is that which surrounds, of. $13 \mathrm{ig} \mathrm{in}=$ suthiru that which surrounds, B 10339. "The length of the boundary of the field of Ningirsu, being $2101 / 2$ cords, was some 12,500 yards, a little over seven miles; the depth is not given" (Langdon).
    ${ }^{6}$ Case 49. While mu-kid is usually translated 'he leaves' or 'left,' it certainly has the meaning 'to cut or pinch off' qarâşu $O B W 68$. Eannatum being conqueror would

[^3]:    ${ }^{11}$ The above interpretation shows that there is no warrant for making Cases 119-122 refer to Entemena as does SAKI, p. $393: 33$ and EBH, p. 105 1. 33.
    ${ }^{12}$ šù $=$ sulülu $B 105000$.

[^4]:    ${ }^{31} \mathrm{~h} \mathrm{e}-\mathrm{na-si} \mathrm{~g} \mathrm{~g} \mathrm{~b}$. It is difficult to determine whether this verb refers to an image of the god $\mathrm{Du} \mathrm{n}-\mathrm{x}$ or to the net cylinder.

[^5]:    ${ }^{44}$ Entemena claims to have built this temple of the 'announcer of the perfect heart,' $S A K I$, f 19. Here blood was spilt in the time of Urukagina SAKI, 58, 11 (second line). It is mentioned in UDT $58_{87}$.
    ${ }^{45}$ The cult of Nin-shab or Nin-shubur had Erech, from which this tablet came, as its headquarters to whose temple Gudea sent this votive tablet.

[^6]:    ${ }^{58 a}$ See Weidner, Studien zur assyr.-babyl. Chronologie, MVAG, 1915. 4, p. 64 ff.
    ${ }^{59}$ For sources see Clay PN, pp. 67 and 191. For the historical connection see Rogers History of Babylonia and Assyria.

[^7]:    ${ }^{121}$ For discussion, bibliography, etc. of this group of texts see PNTS.
    ${ }^{122}$ Ward, Seal Cylinders of Western Asia No. 30 and top of p. 22.

[^8]:    ${ }^{125}$ RgrsHistory, Vol 2, p. 141.
    I2c Ibid., p. 298, n. 1.
    ${ }^{127}$ Ibid., p. 298.

